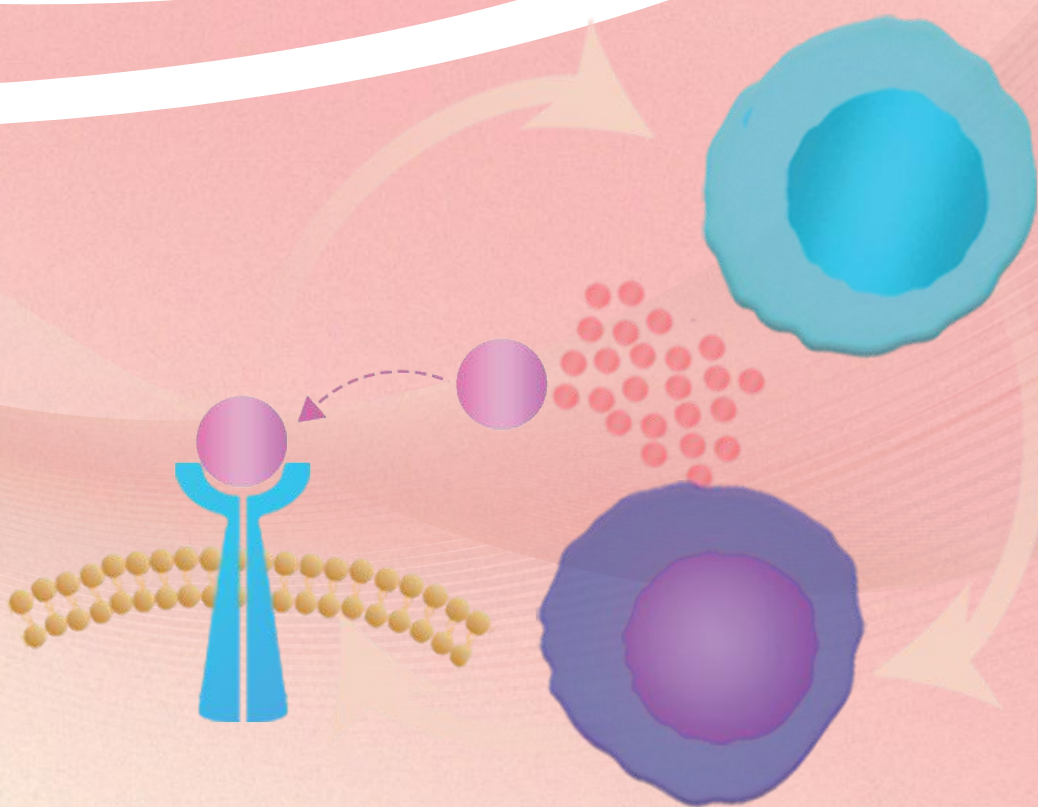


サイトカイン

☆ 細胞培養用サイトカイン

☆ 期待の治療標的





創業 2010 年、上場 2021 年の ACROBiosystems グループは、最先端の製品やビジネスモデルを世に送り出し、バイオ医薬品および健康産業のグローバル市場で重要な拠点となることを目指しています。当社は世界中で事業を展開し、米国、スイス、英国、ドイツ、中国の 12 都市に事業所や研究開発拠点、製造拠点を携えています。ACROBiosystems グループは、Pfizer、Novartis、Johnson & Johnson に代表される世界トップクラスの製薬会社や各地の著名な研究機関とさまざまな形で長期にわたる安定したパートナーシップを結んでいます。ACROBiosystems は ACROBiosystems、bioSeedin、Condense Capital、ACRODiagnostics など、複数の子会社で構成されています。

また当社は、FLAG、Star Staining、VirusStop、Aneuro、ComboX、GENPower などさまざまなブランドを有しています。遺伝子組み換えタンパク質、各種キット、抗体、科学技術サービス、その他関連製品が当社の主力製品・サービスです。当社では、バイオ医薬品の研究開発、製造、臨床研究の分野で使用される製品に対して、厳格な品質管理体制を導入しています。品質管理の一例として、標的発見およびバリデーション、候補薬のスクリーニングと最適化、CMC 開発とパイロット生産、前臨床研究、治験、量産化、コンパニオン診断の臨床応用などが挙げられます。

新技術・新製品の開発を継続し、ACROBiosystems グループは世界規模での製薬産業に価値をもたらし、パートナーの皆様を積極的に支援します。標的治療、免疫治療薬、およびそれらの臨床現場での使用といった医薬品開発プロセスの加速化に取り組んでおり、世界中の健康生活の維持に貢献しています。

■ 当社のお客様



製薬企業



バイオテック



診断薬



ワクチン



CXO



学界



7,000 超の顧客

70 超の国・地域

100,000 名超の科学者

ACROBiosystems の 4 つの「優れた」側面

- ★ 優れたデザイン: アプリケーションを重視した戦略を導入
- ★ 優れた品質: 厳格な品質管理システムを実施
- ★ 優れたサポート: 技術サポートと各種資料を提供
- ★ 優れた対応: お客様第一主義

CYTOKINES FOR CELL CULTURE

>>>> Suitable for culturing immune cells, stem cells and organoids *in vitro*

IL-7	IL-15	IL-21	IL-2
IL-6	IL-4	FGF	GM-CSF
ACTIVIN A	R-SPONDIN 1	NOGGIN	EGF
TGF-ALPHA	VEGF165	IFN-γ	

• ActiveMax® • Premium Grade • GMP Grade

細胞培養用サイトカイン

細胞治療薬製造業や開発者の皆様を継続して支援するため、ACROBiosystems では、in vitro 培養の免疫細胞、幹細胞、オルガノイド、その他さまざまな細胞型向けに高品質サイトカインを幅広く開発してきました。また、創薬のさまざまな開発段階やアプリケーションのニーズによりよく対応できるよう、当社では ActiveMax® グレード（研究目的での利用に限定）、プレミアムグレード、GMP 準拠のサイトカインも提供しています。これら 3 グレードのサイトカインは同様の製造プロセスを経ているため、グレード間の移行をシームレスに行えます。その結果、当社は製品のシームレスな移行の実現とともに、お客様の研究開発活動の加速化も可能にしています。

ActiveMax®、Premium、GMP Grade の相違点

	ActiveMax®	Premium Grade	GMP Grade
用途	研究開発	研究開発から前臨床研究、臨床段階へのシームレスな移行	臨床段階の要件に対応、各種規制当局への IND 申請もサポート
品質システム	ISO 9001/ISO13485 認証済み	ISO 9001/ISO13485 認証済み	ISO 9001/ISO 13485 認証（開発段階） GMP 品質管理システム（製造段階）
製造	ISO 認証済み施設	ISO 認証済み施設	GMP 認証済み施設
	一過性細胞系または安定細胞系	一過性細胞系または安定細胞系	安定細胞系（USP および ChP による全数検査）
	動物由来成分の使用を制限	動物由来成分フリー成分または BSE/TSE フリー	動物由来成分フリー成分または BSE/TSE フリー
	研究グレードの製品	医薬品グレードの製品	医薬品グレードの製品
	0.22μm フィルター滅菌濾過	厳格な 2 グレードシリーズ滅菌濾過	厳格な 2 グレードシリーズ滅菌濾過
	クラス C+A のクリーンルーム、マニュアル無菌充填（ISO5）	クラス C+A のクリーンルーム、マニュアル無菌充填（ISO5）	クラス B+A のクリーンルーム、自動充填機
	ウイルスクリアランスの手順を追加する必要なし	ウイルスクリアランスの手順を追加する必要なし	ウイルス除去と不活性化の 2 ステップを追加（ナノ濾過＋低 pH）
品質管理	無菌試験	無菌試験 / マイコプラズマ試験	無菌試験 / マイコプラズマ試験
	エンドトキシンの対策と検出	エンドトキシンの対策と検出	エンドトキシンの対策と検出
	主要な施設と分析機器はバリデーション済み	主要な施設と分析機器はバリデーション済み	機器 / 分析機器 / 分析法はバリデーション済み（監査証跡提出可能）
	プロセス関連の不純残留物試験の必要なし	残留 DNA 検査 / HCP 検査	残留 DNA 検査 / HCP 検査
	外來性感染性物質検査は限定的	外來性感染性物質検査は限定的	外來性感染性物質検査済み（ウイルス試験および動物 in vivo 安全性実験）
文書	一般的な規制要件に対応	一般的な規制要件に対応	あらゆる規制に対応したファイル
	DMF 充填の必要なし	DMF 充填（一部製品）	DMF 充填（全製品）

製品の特徴

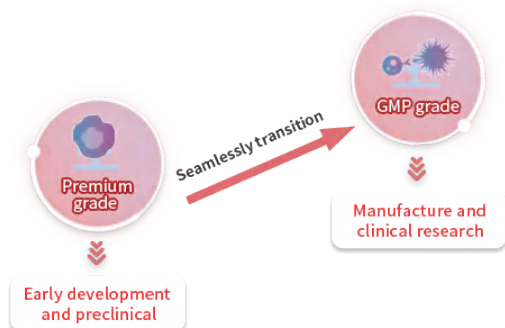
- 滅菌
- キャリアフリー
- 細胞ベースのアッセイで確認された高い生物活性

- 低エンドトキシン ≤ 0.1 EU/ μ g
- 高純度 $\geq 95\%$
- バッチ間の一貫性を確保

- 動物由来成分未使用
- 天然の構造・修飾と同等
- ActiveMax[®]、Premium、GMP の3グレードから選択可能

Premium Grade から GMP Grade への移行

サイトカインは細胞・遺伝子治療薬 (CGT) の重要な原材料です。前臨床試験の段階では通常、原材料の安全性と品質は優先されません。この場合、研究目的に限定されたグレードの製品が利用できます。ただし医薬品の開発相が CMC や臨床段階まで進むと、原材料を GMP Grade に移行して規制当局のガイドラインに準拠する必要があります。この移行期に、新しい原材料の再評価や検証に膨大なエネルギーを投入することになります。



前臨床開発段階から臨床試験の段階へ容易に移行できるよう、当社では生物活性がほぼ同一と評価されたサイトカインを取り揃えており、GMP Grade に求められる文書もご提供できます。当社では、開発の初期段階で当社の Premium Grade 原材料のご利用をお勧めしています。CMC や臨床段階で GMP Grade へのシームレスな移行が可能になり、再評価やバリデーションの回数を最小限に抑えることができます。

製品リスト

免疫細胞培養用サイトカイン

IL-7	IL-15	IL-21	IL-2
IL-4	IL-6	IL-18	IL-5
IL-3	IFN- γ	SCF	VEGF165
BMP-4	TNF-alpha	Anti-CD3 antibody	Anti-CD28 antibody

幹細胞培養用サイトカイン

EGF	GM-CSF	IL-6	PDGF-BB	IL-2
FGF	IL-3	IL-7	TGF- β 1	
Flt3-Ligand	IL-4	TPO	IL-5	

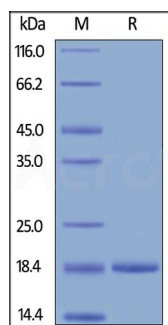
オルガノイド培養用サイトカイン

EGF	Noggin	R-Spondin 1	Wnt3a	FGF-10
FGF-2	FGF-7	Activin A	BMP-4	IGF1
NRG1	Jagged 1	VEGF121	HGF	TGF- β 1
BMP-2	Shh	FGF-8	BDNF	GDNF

裏付けデータ

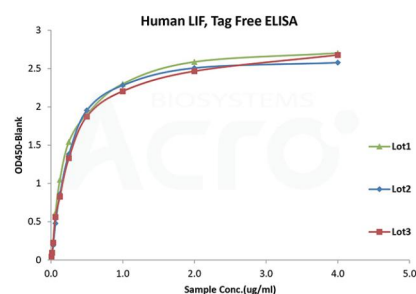
▶ ActiveMax® サイトカイン

高純度



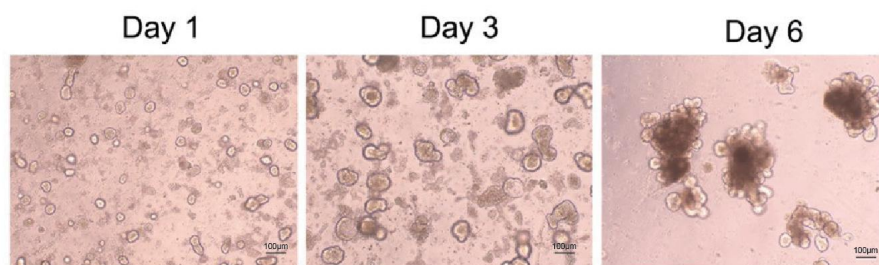
ActiveMax® Human G-CSF, Tag Free (Cat. No. **GCF-H5214**) on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

ロット間の一貫性



Bioactivity of three different lots of ActiveMax® Recombinant Human LIF (Cat. No. **LIF-H521b**) is verified by ELISA, and the result shows very high batch-to-batch consistency.

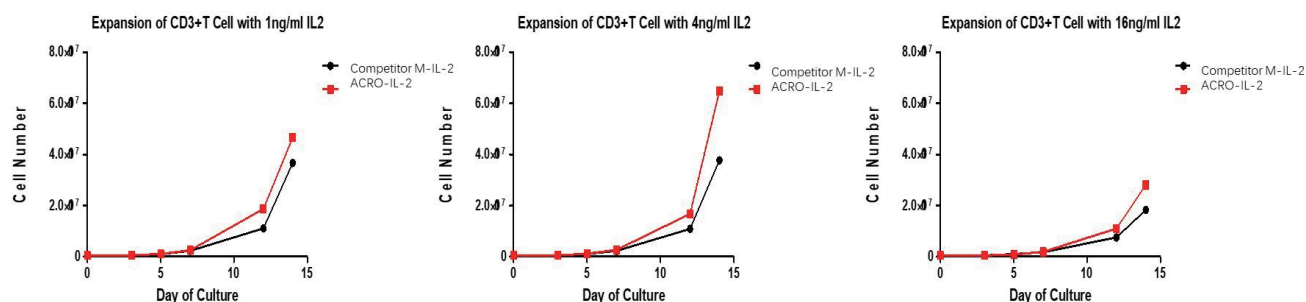
高い生物活性



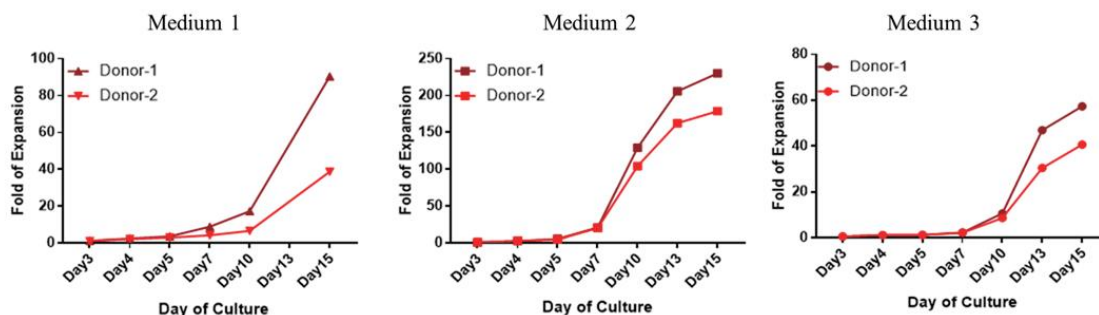
Human EGF (Cat. **EGF-H52H3**), Noggin (Cat. **NON-H5257**) and R-spondin1 (Cat. **RS6-H4220**) could support the growth of mouse intestinal organoids.

▶ Premium Grade サイトカイン

Human IL-2、Premium Grade のサイトカインを CD3/CD28 磁気ビーズと組み合わせると、高い活性度で T 細胞を活性化できます。



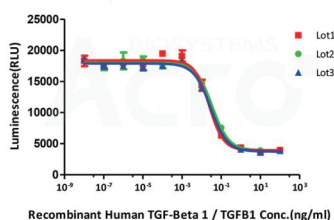
ACRO's Human IL-2, premium grade (Cat. No. **IL2-H5215**) has higher bioactivity than that of other competitors when activates T cell with CD3/CD28 magnetic beads at different concentrations.



ACRO' s anti-CD3/CD28 antibody-coupled magnetic beads (Cat. No. **MBS-C001**) combined with Human IL-2 (Cat. No. **IL2-H5215**) premium grade activate T cells from two donors under three different commercial media, and the result shows high activity with recommended ratio(1:1, beads/cells).

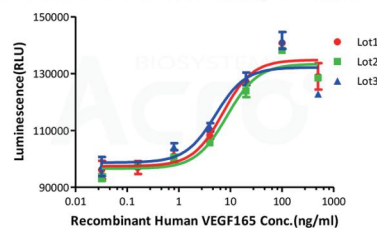
ロット間の一貫性

Recombinant Human TGF-Beta 1 / TGFβ1 inhibits the IL-4-dependent proliferation of TF-1 cells



Bioactivity of three different lots of Recombinant Human TGF-Beta 1 TGFβ1 (Cat. No. **TG1-H4212**) is verified by cell-based assay, and the result shows very high batch-to-batch consistency.

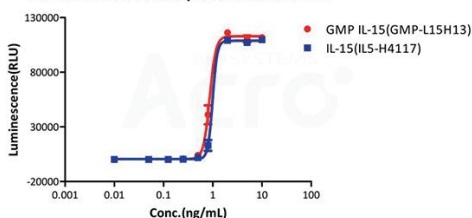
Recombinant Human VEGF165 stimulates proliferation of HUVEC



Bioactivity of three different lots of Recombinant Human VEGF165 (Cat. No. **VE5-H4210**) is verified by cell-based assay, and the result shows very high batch-to-batch consistency.

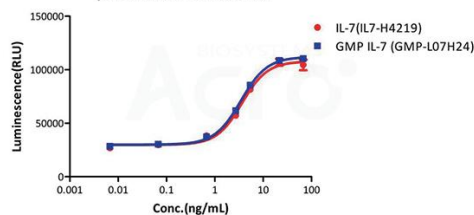
Premium Grade と GMP Grade のパフォーマンスはほぼ同一

Human IL-15 stimulates proliferation of CTL-2



Recombinant Human IL-15 Protein (premium grade), designed for preclinical stage, has the same functional activity and performance as GMP Grade IL-15 (Cat. No. **GMP-L15H13**), which enables a seamless transition from preclinical development to clinical phases.

Human IL-7 Protein, premium grade stimulates proliferation of PBMC cells

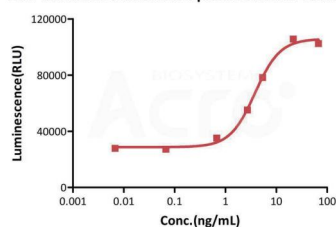


Human IL-7 Protein (premium grade) designed for preclinical stage, has the same functional activity and performance as GMP Grade IL-7 (Cat. No. **GMP-L07H24**), which enables a seamless transition from preclinical development to clinical phases.

▶ GMP Grade サイトカイン

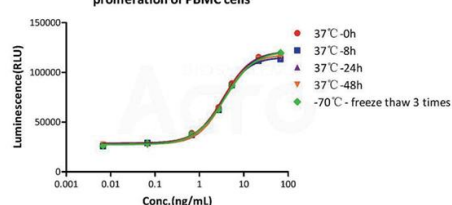
高い生物活性

GMP Human IL-7 stimulates proliferation of PBMC cells



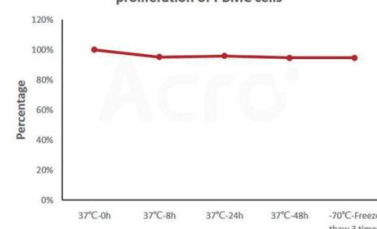
GMP Human IL-7 (Cat. No. **GMP-L07H24**) stimulates proliferation of PHA-P-activated human peripheral blood mononuclear cell (PBMC). The EC50 for this effect is 3.821 ng/mL, corresponding to a specific activity of $> 1.0 \times 10^8$ IU/mg, which is calibrated against human IL-7 WHO International Standard (NIBSC code: 90/530) (QC tested).

Human IL-7, Tag Free stimulates proliferation of PBMC cells



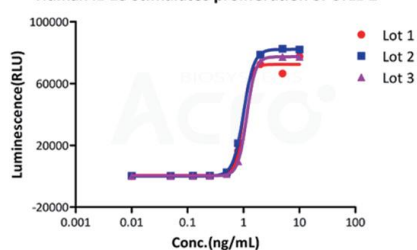
The cell-based assay shows that GMP Human IL-7 (Cat. No. **GMP-L07H24**) is stable at 37°C for 48 hours and after freezing and thawing 3 times.

Human IL-7, Tag Free stimulates proliferation of PBMC cells



ロット間の一貫性

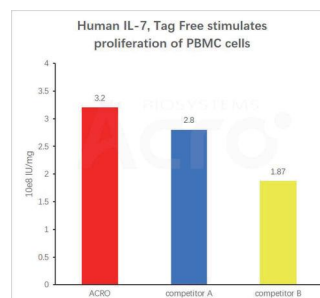
Human IL-15 stimulates proliferation of CTLL-2



Bioactivity of three different lots of GMP Human IL-15 (Cat. No. **GMP-L15H13**) verified by cell-based assay, and the result shows very high batch-to-batch consistency.

競合製品との比較

Human IL-7, Tag Free stimulates proliferation of PBMC cells



The activity of GMP Human IL-7 (Cat. No. **GMP-L07H24**) was higher than that of other competitors.

製品リスト

▶ GMP Grade 製品

分子	カタログ番号	製品説明
IL -15	GMP-L15H13	GMP Human IL-15
IL -7	GMP-L07H24	GMP Human IL-7
IL-21	GMP-L21H25	GMP Human IL-21
CD3	GMP-MC0323	GMP Monoclonal Anti-Human CD3 Antibody (OKT3)
CD28	GMP-MC2824	GMP Monoclonal Anti-Human CD28 Antibody

▶ Premium Grade 製品

分子	カタログ番号	製品説明
IL-2	IL2-H5215	Human IL-2 Protein, premium grade
IL-4	IL4-H4218	Human IL-4 Protein, premium grade
IL-6	IL6-H4218	Human IL-6 Protein, premium grade

分子	カタログ番号	製品説明
IL- 7	IL7-H4219	Human IL-7 Protein, premium grade
IL -15	IL5-H4117	Human IL-15 Protein, premium grade
IL-21	IL1-H5213	Human IL-21 Protein, premium grade
IL-1β	ILB-H4110	Human IL-1 beta / IL-1F2 Protein, premium grade
ActivinA	ACA-H421b	Human Activin A / INHBA Protein, premium grade
TNF-alpha	TNA-H4211	Human TNF-alpha Protein, premium grade
IFN-gamma	IFG-H4211	Human IFN-gamma / IFNG Protein, premium grade
GM-CSF	GMF-H4214	Human GM-CSF Protein, premium grade
VEGF165	VE5-H4210	Human VEGF165 Protein, premium grade
TGF-β1	TG1-H4212	Human TGF-Beta 1 / TGFB1 Protein, premium grade
FGF2	BFF-H4117	Human FGF basic Protein, premium grade
FLT3L	FLL-H5218	Human Flt-3 Ligand Protein, premium grade
PDGF-BB	PDB-H4112	Human PDGF-BB Protein, premium grade
TPO	THN-H5214	Human Fas Ligand / TNFSF6 Protein, His Tag, active trimer (MALS verified), premium grade
Fas Ligand	FAL-H5241	Human Thrombopoietin / TPO Protein, premium grade
CD3	CDE-M120a	Monoclonal Anti-Human CD3 Antibody, Mouse IgG2a (Clone: OKT3), premium grade
CD28	CD8-M120b	Monoclonal Anti-Human CD28 Antibody, Human IgG1, premium grade

▶ ActiveMax® 製品

分子	カタログ番号	製品説明
EGF	EGF-H52H3	ActiveMax® Human EGF Protein, His Tag
Erythropoietin	EPO-H4214	ActiveMax® Human Erythropoietin / EPO Protein, Tag Free
G-CSF	GCF-H5214	ActiveMax® Human G-CSF Protein, Tag Free
Oncostatin M	OSM-H5213	ActiveMax® Human Oncostatin M (OSM) Protein, Tag Free
VEGF164	VE4-M4216	ActiveMax® Mouse VEGF164 Protein, Tag Free (HPLC-verified)
VEGF120	VE0-M4211	ActiveMax® Mouse VEGF120 Protein, Tag Free
LIF	LIF-H521b	ActiveMax® Human LIF Protein, Tag Free
TNFSF11	RAL-H5217	ActiveMax® Human TNFSF11 / RANKL / CD254 Protein, Tag Free (MALS verified)
LIF	LIF-M5219	ActiveMax® Mouse LIF Protein, Tag Free (MALS verified)
VEGF110	VE0-H5212	ActiveMax® Human VEGF110 Protein, Tag Free (MALS verified)
VEGF121	VE1-H4213	ActiveMax® Human VEGF121 Protein, Tag Free
NKp46	NC1-H5257	ActiveMax® Human NKp46 / NCR1 / CD335 Protein, Fc Tag (MALS verified)
IL-12B & IL-12A	IL2-H5210	ActiveMax® Human IL-12 Protein, Tag Free (MALS verified)
Noggin	NON-H5257	ActiveMax® Human Noggin Protein, Fc Tag
IL-11	IL1-H5243	ActiveMax® Human IL-11 Protein, His Tag
Dkk-1	DK1-H5221	ActiveMax® Human Dkk-1 Protein, His Tag (MALS verified)
IL-3	IL3-H52H9	ActiveMax® Human IL-3 Protein, His Tag (MALS verified)
BMP-2	BM2-H4117	ActiveMax® Human BMP-2 Protein, Tag Free
SCF	SCF-H4219	ActiveMax® Human SCF / KITLG Protein, His Tag

Cytokines

Promising Therapeutic Targets

↑ High purity ↑ High bioactivity ↑ High batch-to-batch consistency

Interleukins

Growth Factors

Chemokines

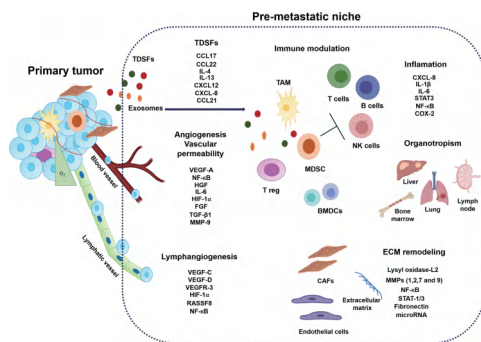
TNFs

IFNs

CSFs

期待の治療標的

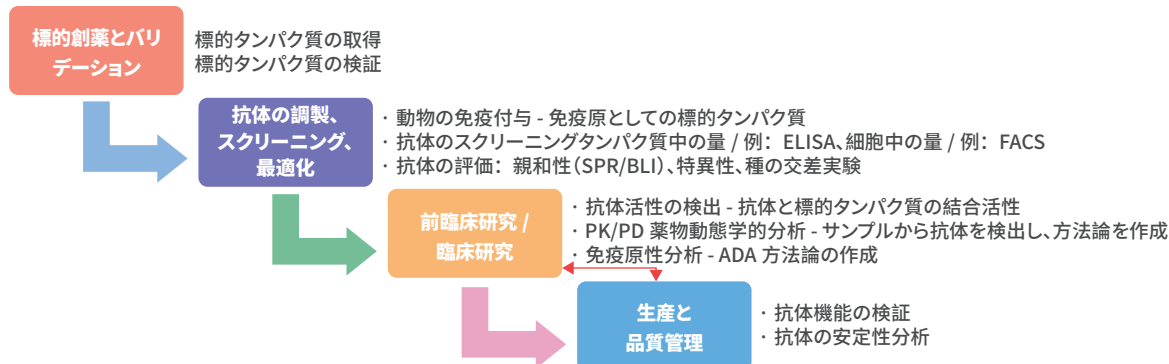
サイトカインはタンパク質またはポリペプチドの微小分子の集合体で、免疫細胞（モノサイト、マクロファージ、T細胞、B細胞、NK細胞など）や一部非免疫細胞（内皮細胞、表皮細胞、繊維母細胞など）によって刺激、合成、分泌が促されます。サイトカインは細胞間で情報を伝達できます。サイトカインには生得免疫の調整、免疫の適応、造血、損傷を受けた組織の修復、細胞の成長、分化といった免疫制御機能やエフェクター機能があります。サイトカインは免疫系の反応強度や持続時間を制御するという重要な役割を担っています。



<https://doi.org/10.1186/s12943-020-01294-3>

サイトカインは腫瘍の転移を促す微小環境を構築します

サイトカインと受容体は複雑かつ活発な相互作用により、腫瘍の進行、転移、治療応答性を損ねる原因となる慢性炎症や腫瘍微小環境（TME）の免疫抑制状態を解除します。自己免疫疾患は腫瘍に次いで2番目に多い治療分野です。サイトカインは自己免疫疾患による組織の損傷と炎症を有効に緩和する決定的なエフェクタータンパク質です。バイオ医薬品技術の向上に伴い、サイトカイン標的薬は今後さらなる改良が見込まれ、腫瘍および自己免疫疾患の治療分野に朗報をもたらす可能性を持っています。



サイトカインは標的タンパク質として抗体薬開発の全プロセスに対応しています

サイトカインは総称で、インターロイキン(IL)、成長因子、腫瘍壊死因子(TNF)、ケモキネシス、コロニー刺激因子(CSF)、インターフェロン(IFN)などに分類されます。ACROBiosystems は、高純度、高い生物活性、バッチ間の一貫性が高い組換えサイトカインと受容体を各種取り揃え、お客様の研究活動および創薬プログラムの推進を支援します。

製品の特徴

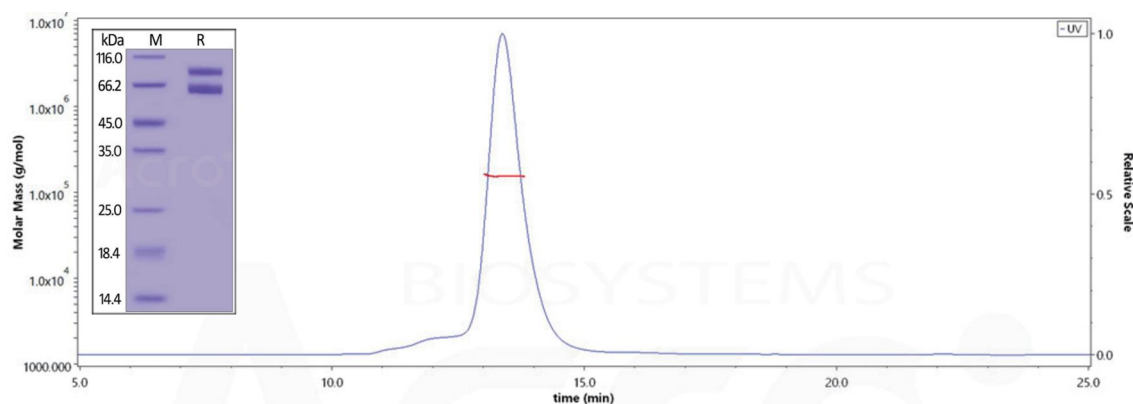
- HEK293 細胞から発現させるため、ヒトの天然の構造に近い
- さまざまな種に対応： ヒト、マウス、ラット、カニクイザル、ハクビシン、ウサギ、イヌの交差実験に適しています
- さまざまな標識、タグに対応
- ビオチンで標識したサイトカインは **Avitag™** テクノロジー専用として作製されています： ビオチン標識は Avi タグのリシン残留物でのみ産生されます。標的タンパク質の自然な結合活性とは干渉しません。アビジンで被覆された表面上に固定すると、タンパク質の配向は一定です
- 高純度と構造の均質性は SDS-PAGE および SEC-MALS で検証済み
- 受容体や抗体との結合で示される高い生物活性は ELISA/SPR/BLI/ 細胞ベースのアッセイで検証済み。プロトコルの共有
- 厳格な品質管理体制により、バッチ間の良好な一貫性が保証されています(QC 試験として ELISA を実施)
- さらに総合的な機能を発揮するサイトカイン製品、主要なサイトカイン標的もご利用いただけます

主要なサイトカイン

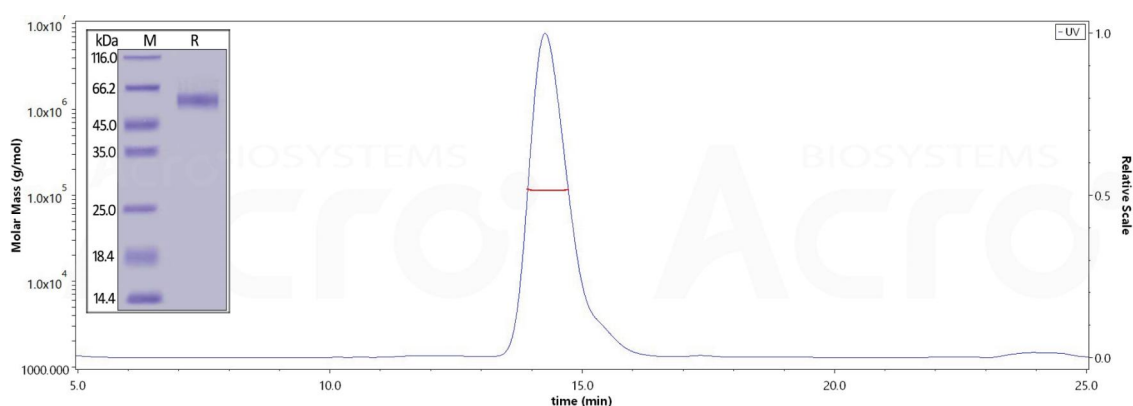
IL-2 および IL-2 受容体		
IL-4 および IL-4 R アルファ	IL-6 および IL-6 受容体	IL-23A および IL-12B
VEGF ファミリー	TGF ベータ	FGF
TNF アルファ	GDF-15	CSF
EGF および EGF 受容体	IGF-I R	CTGF
補体 C3		補体 C5

特許取得済み技術
でデザイン

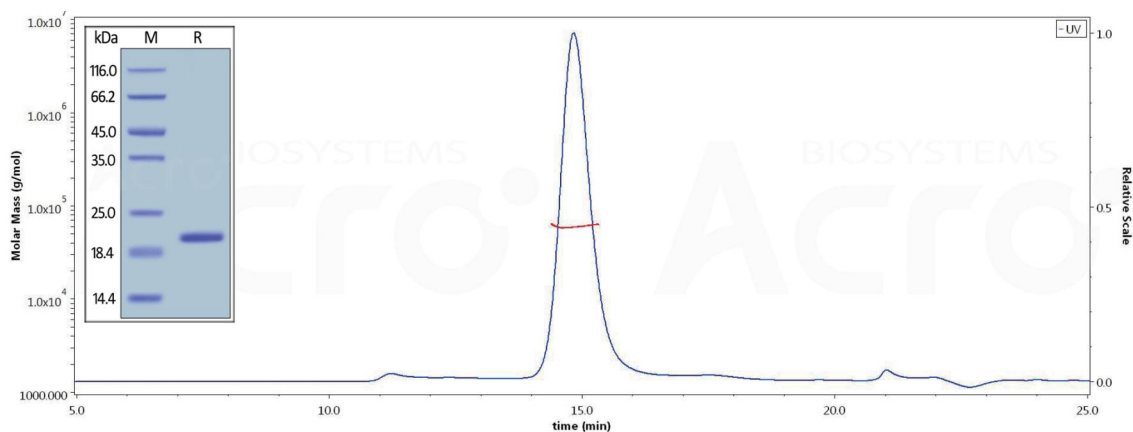
▶ 高純度、均質な構造



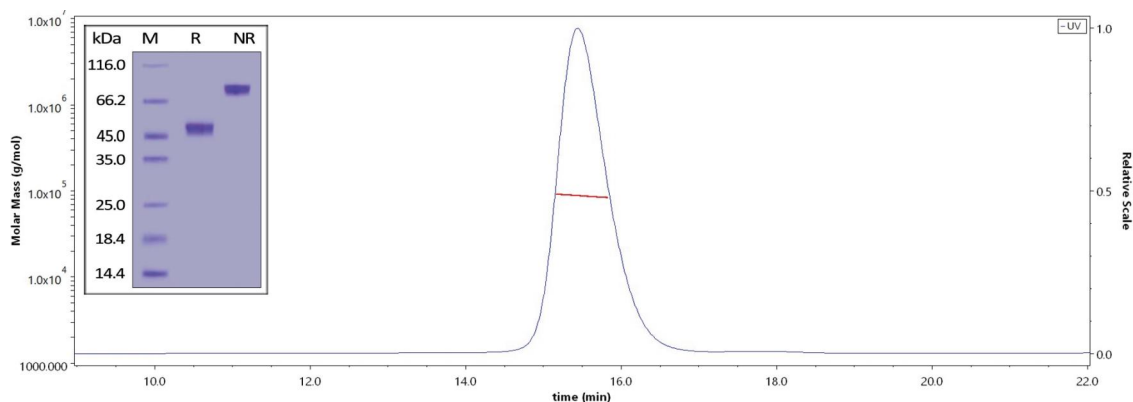
Human IL-2RB&IL-2RG Heterodimer Protein, Fc Tag&Fc Tag (MALS verified) (Cat. No. **ILG-H5254**) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than **95%**. As verified by SEC-MALS, the purity is more than **90%** and the molecular weight of this protein is around **140-160 kDa**.



Biotinylated Human TGFBR2, Fc,Avitag (Cat. No. **TG2-H82F6**) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than **95%**. As verified by SEC-MALS, the purity is more than **90%** and the molecular weight of this protein is around **110-125 kDa**.

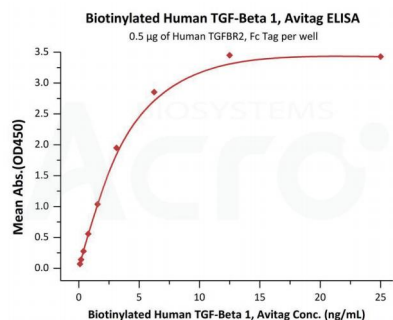


Biotinylated Human TNF-alpha, His,Avitag (active trimer) (MALS verified) (Cat. No. **TNA-H82E3**) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than **95%**. As verified by SEC-MALS, the purity is more than **90%** and the molecular weight of this protein is around **55-70 kDa**.

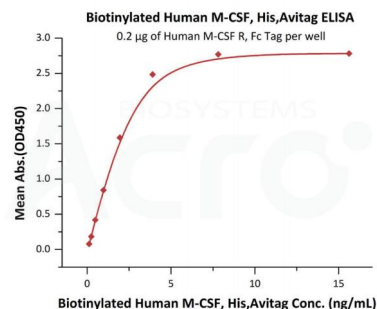


Human GDF-15, Fc Tag (Cat. No. **GD5-H5269**) on SDS-PAGE under reducing (R) and non-reducing (NR) conditions. The purity of the protein is greater than **95%**. As verified by SEC-MALS, the purity is more than **90%** and the molecular weight of this protein is around **74-100 kDa**.

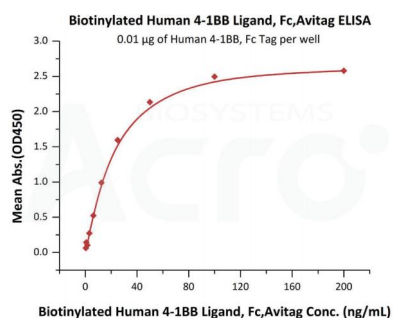
▶ ELISA で検証された高い生物活性(QC 試験済み)



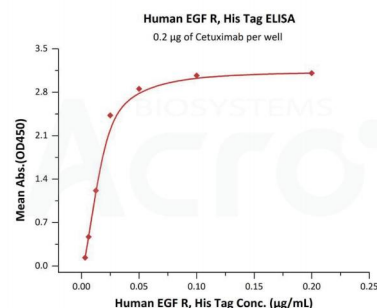
Immobilized Human TGFBR2, Fc Tag (Cat. No. **TG2-H5252**) at 5 µg/mL (100 µL/well) can bind Biotinylated Human TGF-Beta 1, Avitag (Cat. No. **TG1-H8217**) with a linear range of 0.1-3 ng/mL (QC tested).



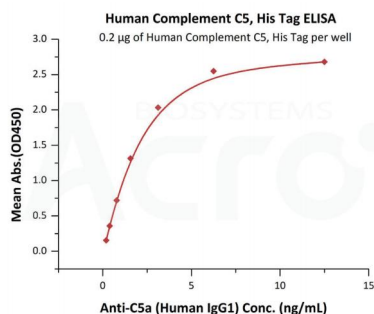
Immobilized Human M-CSF R, Fc Tag (Cat. No. **CSR-H5258**) at 2 µg/mL (100 µL/well) can bind Biotinylated Human M-CSF, His, Avitag (Cat. No. **MCF-H82E6**) with a linear range of 0.1-2 ng/mL (QC tested).



Immobilized Human 4-1BB, Fc Tag (Cat. No. **41B-H5258**) at 0.1 µg/mL (100 µL/well) can bind Biotinylated Human 4-1BB Ligand, Fc, Avitag (Cat. No. **41L-H82F9**) with a linear range of 0.4-6 ng/mL (QC tested).

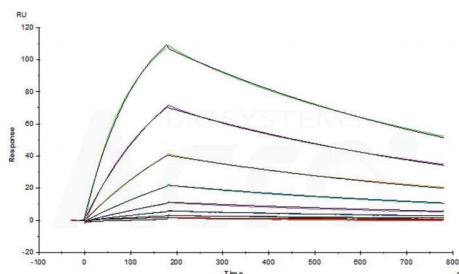


Immobilized Cetuximab at 2 µg/mL (100 µL/well) can bind Human EGF R, His Tag (Cat. No. **EGR-H5222**) with a linear range of 0.006-0.025 µg/mL (QC tested).

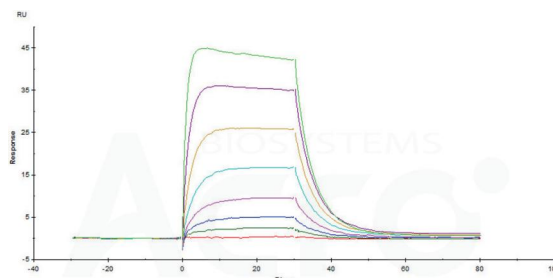


Immobilized Human Complement C5, His Tag (Cat. No. **CO5-H52Ha**) at 2 µg/mL (100 µL/well) can bind Anti-C5a (Human IgG1) with a linear range of 0.2-3 ng/mL (QC tested).

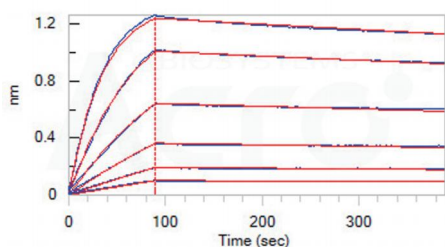
▶ 親和性は SPR 法と BLI 法で検証済みです



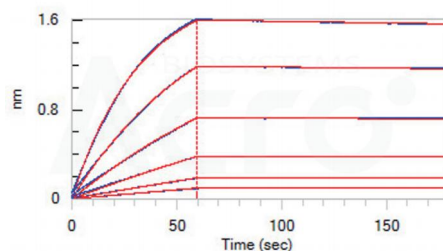
Erbitux (Cetuximab) captured on CM5 chip via anti-human IgG Fc antibodies surface, can bind Human EGF R, His Tag (Cat. No. **EGR-H5222**) with an affinity constant of 1.3 nM as determined in a SPR assay (Biacore T200).



Human IL-2 R beta, His Tag (SPR verified) (Cat. No. **CD2-H5221**) captured on CM5 chip via anti-His antibody, can bind Human IL-2, Tag Free (Cat. No. **IL2-H4113**) with an affinity constant of 0.525 µM as determined in a SPR assay (Biacore T200).



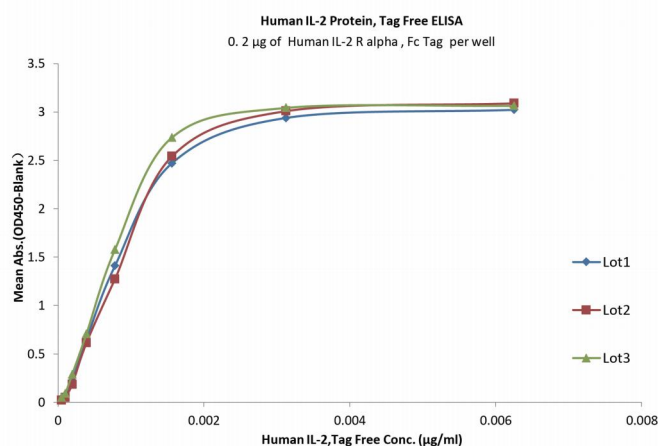
Loaded Anti-IL23A & IL12B MAb (P40 domain) on Protein A Biosensor, can bind Human IL-12B&IL-12A Heterodimer Protein, His Tag&Flag Tag (Cat. No. **IL2-H4210**) with an affinity constant of 1.07 nM as determined in BLI assay (ForteBio Octet Red96e).



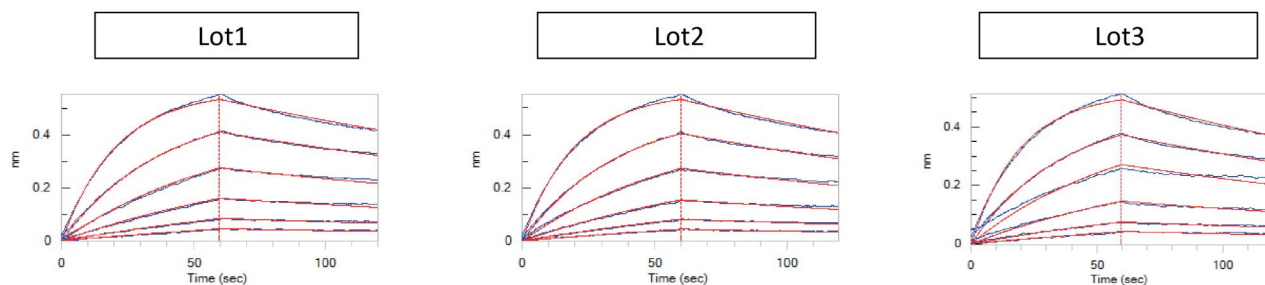
Loaded Anti-IL23A & IL12B MAb (P40 domain) on Protein A Biosensor, can bind Human IL-23A&IL-12B Heterodimer Protein, His Tag&Tag Free (Cat. No. **ILB-H52W5**) with an affinity constant of 0.588 nM as determined in BLI assay (ForteBio Octet Red96e).

▶ ロット間の一貫性が高い

製造ロットが異なるヒト IL-2 タンパク質、タグなし (カタログ番号 **IL2-H4113**) 3 点をヒト IL-2 R アルファ、Fc タグ (カタログ番号 **ILA-H5251**) と結合し、生物活性を確認したところ、バッチ間の一貫性が非常に良好であることが示されました。(ELISA による検証)



製造ロットが異なるヒト IL23A および IL12B、His タグタンパク質 (カタログ番号 **ILB-H52W5**) 3 点をヒト IL-23R と結合し、親和性を確認したところ、バッチ間の一貫性が非常に良好であることが示されました。(BLI による検証)



Kinetic global fit(1:1 binding) (BLI)

Method	Ligand Load Lot. No.	Ligand Conc. (µg/ml)	Loading (nm)	Analyte	Analyte Conc.	Kinetic global fit(1:1 binding)			
						KD (M)	kon(1/Ms)	kdis(1/s)	RMax
Protein A	Human IL-23R,Fc tag	10	2.5	Human IL23A & IL12B, His tag (Lot1)	100-3.13 nM	9.25E-09	4.39E+05	4.07E-03	0.6179
				Human IL23A & IL12B, His tag (Lot2)		9.84E-09	4.62E+05	4.54E-03	0.6139
				Human IL23A & IL12B, His tag (Lot3)		1.04E-08	4.62E+05	4.79E-03	0.5702

サイトカイン：製品リスト

▶ インターロイキンと受容体

分子	カタログ番号	種	製品説明
IL-1 alpha	ILA-H82E7	Human	Biotinylated Human IL-1 alpha / IL-1F1 Protein, His,Avitag™ (MALS verified)
	ILA-H5216	Human	Human IL-1 alpha / IL-1F1 Protein, His Tag (MALS verified)
	ILA-M82E8	Mouse	Biotinylated Mouse IL-1 alpha / IL-1F1 Protein, His,Avitag™ (MALS verified)
	ILA-M5213	Mouse	Mouse IL-1 alpha / IL-1F1 Protein, His Tag (MALS verified)
IL-1 beta	ILB-H82E9	Human	Biotinylated Human IL-1 beta / IL-1F2 Protein, His,Avitag™ (MALS verified)
	ILA-H525c	Human	Human IL-1 beta / IL-1F2 Protein, Fc Tag (MALS verified)
	ILB-H51H3	Human	Human IL-1 beta / IL-1F2 Protein, His Tag (MALS verified)
	ILB-M51H3	Mouse	Mouse IL-1 beta / IL-1F2 Protein, His Tag (MALS verified)
	ILB-C51H3	Cynomolgus	Cynomolgus IL-1 beta / IL-1F2 Protein, His Tag
IL-1 RAcP	ILP-H82E5	Human	Biotinylated Human IL-1 RAcP / IL-1 R3 Protein, His,Avitag™ (MALS verified)
	ILP-H82F5	Human	Biotinylated Human IL-1 RAcP / IL-1 R3 Protein, Fc,Avitag™
	ILP-H5225	Human	Human IL-1 RAcP / IL-1 R3 Protein, His Tag (MALS verified)
	ILP-H5256	Human	Human IL-1 RAcP / IL-1 R3 Protein, Fc Tag
	ILP-M52H5	Mouse	Mouse IL-1 RAcP / IL-1 R3 Protein, His Tag
	ILP-C52H5	Cynomolgus	Cynomolgus IL-1 RAcP / IL-1 R3 Protein, His Tag
IL-1 RII	IL2-H4226	Human	Human IL-1 RII / CD121b Protein, His Tag
	IL2-H4256	Human	Human IL-1 RII / CD121b Protein, Fc Tag
IL-1 Rrp2	IL2-H82E9	Human	Biotinylated Human IL-1 Rrp2 / IL-1 R6 Protein, His,Avitag™
	IL2-H5254	Human	Human IL-1 Rrp2 / IL-1 R6 Protein, Fc Tag
	IL2-H52H4	Human	Human IL-1 Rrp2 / IL-1 R6 (C154S, C262S) Protein, His Tag (MALS verified)
	IL2-H52H6	Human	Human IL-1 Rrp2 / IL-1 R6 Protein, His Tag
	IL2-C52H5	Cynomolgus	Cynomolgus IL-1 Rrp2 / IL-1 R6 Protein, His Tag
IL-1ra	ILA-H5114	Human	Human IL-1ra / IL-1F3 Protein, Tag Free
IL-1RL1	IL1-H82F8	Human	Biotinylated Human IL-1RL1 / ST2 Protein, Fc,Avitag™ (MALS verified)
	IL1-H5229	Human	Human IL-1RL1 / ST2 Protein, His Tag
	IL1-H5250	Human	Human IL-1RL1 / ST2 Protein, Fc Tag
	IL1-H82E9	Human	Biotinylated Human IL-1RL1 / ST2 Protein, His,Avitag™ (MALS verified)
	IL1-M5259	Mouse	Mouse IL-1RL1 / ST2 Protein, Fc Tag
IL-2	IL2-H51H7	Human	Human IL-2 (T23A, F62A, Y65A, L92G, C145A) Protein, His Tag
	IL2-H4113	Human	Human IL-2 Protein, Tag Free
	IL2-H52H8	Human	Human IL-2 Protein, His Tag
	IL2-H82E4	Human	Biotinylated Human IL-2 Protein, His,Avitag™
	IL2-H82F3	Human	Biotinylated Human IL-2 Protein, Fc,Avitag™
	IL2-H5269	Human	Human IL-2 Protein, Fc Tag (MALS verified)

分子	カタログ番号	種	製品説明
IL-2	IL2-M52H3	Mouse	Mouse IL-2 Protein, His Tag
	IL2-C5249	Cynomolgus	Cynomolgus IL-2 Protein, His Tag
IL-2 R alpha	ILA-H5251	Human	Human IL-2 R alpha / CD25 Protein, Fc Tag (MALS verified)
	ILA-H52H9	Human	Human IL-2 R alpha / CD25 Protein, His Tag
	ILA-H82F9	Human	Biotinylated Human IL-2 R alpha / CD25 Protein, Fc,Avitag™ (MALS verified)
	ILA-H82E6	Human	Biotinylated Human IL-2 R alpha / CD25 Protein, His,Avitag™
	ILA-M52H9	Mouse	Mouse IL-2 R alpha / CD25 Protein, His Tag
	ILA-C52H4	Canine	Canine IL-2 R alpha / CD25 Protein, His Tag
IL-2 R beta	CD2-H5221	Human	Human IL-2 R beta / CD122 Protein, His Tag (SPR verified)
	ILB-H5253	Human	Human IL-2 R beta / CD122 Protein, Fc Tag (MALS & SPR verified)
	ILB-H82E3	Human	Biotinylated Human IL-2 R beta / CD122 Protein, His,Avitag™
	ILB-M5253	Mouse	Mouse IL-2 R beta / CD122 Protein, Fc Tag
	ILA-M52H5	Mouse	Mouse IL-2 R beta Protein, His Tag
	ILB-C52H9	Cynomolgus	Cynomolgus IL-2 R beta / CD122 Protein, His Tag (MALS verified)
	ILA-C52H5	Canine	Canine IL-2 R beta Protein, His Tag
IL-2 R gamma	ILG-H85E8	Human	Biotinylated Human IL-2 R gamma / CD132 Protein, His,Avitag™
	ILG-H5256	Human	Human IL-2 R gamma / CD132 Protein, Fc Tag
	ILA-H52H5	Human	Human IL-2 R gamma / CD132 Protein, His Tag (MALS verified)
	ILA-M52H3	Mouse	Mouse IL-2 R gamma / CD132 Protein, His Tag (MALS verified)
	ILG-C52H9	Cynomolgus	Cynomolgus IL-2 R gamma / CD132 Protein, His Tag (MALS verified)
IL-2 R beta & IL-2 R gamma	ILG-H5254	Human	Human IL-2 R beta&IL-2 R gamma Heterodimer Protein, Fc Tag&Fc Tag (MALS verified)
	ILG-H5283	Human	Human IL-2 R beta&IL-2 R gamma Heterodimer Protein, His Tag&Twin-Strep Tag (MALS verified)
	ILG-H82F3	Human	Biotinylated Human IL-2 R beta&IL-2 R gamma Heterodimer Protein, Fc,Avitag™&Fc,Avitag™ (MALS verified)
	ILG-M5283	Mouse	Mouse IL-2 R beta&IL-2 R gamma Heterodimer Protein, His Tag&Twin-Strep Tag (MALS verified)
	ILG-M5254	Mouse	Mouse IL-2 R beta&IL-2 R gamma Heterodimer Protein, Fc Tag&Fc Tag (MALS verified)
	ILG-R5283	Rat	Rat IL-2 R beta&IL-2 R gamma Heterodimer Protein, His Tag&Twin-Strep Tag (MALS verified)
	ILG-C82F4	Cynomolgus	Biotinylated Cynomolgus IL-2 R beta&IL-2 R gamma Heterodimer Protein, Fc,Avitag™&Fc,Avitag™ (MALS verified)
IL-2 R beta & IL-2 R alpha & IL-2 R gamma	ILG-H82W9	Human	Biotinylated Human IL-2 R beta&IL-2 R alpha&IL-2 R gamma Protein, His,Avitag™&Twin Strep Tag (MALS verified)
	ILG-H52W9	Human	Human IL-2 R beta&IL-2 R alpha&IL-2 R gamma Protein, His Tag&Twin Strep Tag (MALS verified)
	ILG-H5257	Human	Human IL-2 R beta&IL-2 R alpha&IL-2 R gamma Protein, Fc Tag&Fc Tag (MALS verified)
	ILG-H82F4	Human	Biotinylated Human IL-2 R beta&IL-2 R alpha&IL-2 R gamma Protein, Fc,Avitag™&Fc,Avitag™ (MALS verified)
	ILG-M5253	Mouse	Mouse IL-2 R beta&IL-2 R alpha&IL-2 R gamma Protein, Fc Tag&Fc Tag
	ILG-R5223	Rat	Rat IL-2 R beta&IL-2 R alpha&IL-2 R gamma Protein, His Tag&Twin-Strep Tag (MALS verified)
	ILG-C82F6	Cynomolgus	Biotinylated Cynomolgus IL-2 R beta&IL-2 R alpha&IL-2 R gamma Protein, Fc,Avitag™&Fc,Avitag™ (MALS verified)
IL-3	IL3-M52H8	Mouse	Mouse IL-3 Protein, His Tag (MALS & SPR verified)
	IL3-C52H9	Cynomolgus	Cynomolgus IL-3 Protein, His Tag
IL-3 R alpha	ILA-H5255	Human	Human IL-3 R alpha / CD123 Protein, Llama IgG2b Fc Tag, low endotoxin
	ILA-H52H6	Human	Human IL-3 R alpha / CD123 Protein, His Tag (MALS & SPR verified)
	ILA-H82H5	Human	Biotinylated Human IL-3 R alpha / CD123 Protein, His,Avitag™ (MALS verified)

分子	カタログ番号	種	製品説明
IL-3 R alpha	ILA-H82F3	Human	Biotinylated Human IL-3 R alpha / CD123 Protein, Fc,Avitag™ (MALS verified)
	ILA-H5252	Human	Human IL-3 R alpha / CD123 Protein, Fc Tag (MALS & SPR verified)
	ILA-M52H4	Mouse	Mouse IL-3 R alpha / CD123 Protein, His Tag (SPR verified)
	ILA-C52H6	Cynomolgus	Cynomolgus IL-3 R alpha / CD123 Protein, His Tag (SPR verified)
	ILA-C52H3	Canine	Canine IL-3 R alpha / CD123 Protein, His Tag
CD131	CD1-H5256	Human	Human IL-3 R Beta / CD131 Protein, Fc Tag (MALS verified)
IL-4	IL4-H52H9	Human	Human IL-4 Protein, His Tag (MALS verified)
	IL4-H82E0	Human	Biotinylated Human IL-4 Protein, Avitag™,His Tag (MALS verified)
	IL4-M52H5	Mouse	Mouse IL-4 Protein, His Tag
	IL4-C5259	Cynomolgus	Cynomolgus IL-4 Protein, Fc Tag (MALS verified)
IL-4 R alpha	ILR-H5221	Human	Human IL-4 R alpha / CD124 Protein, His Tag (MALS verified)
	ILR-H5253	Human	Human IL-4 R alpha / CD124 Protein, Fc Tag (MALS verified)
	ILR-H82E9	Human	Biotinylated Human IL-4 R alpha / CD124 Protein, Avitag™,His Tag (MALS verified)
	ILR-H82F4	Human	Biotinylated Human IL-4 R alpha / CD124 Protein, Fc,Avitag™ (MALS verified)
	ILR-M5252	Mouse	Mouse IL-4 R alpha / CD124 Protein, Fc Tag (MALS verified)
	ILR-M52H1	Mouse	Mouse IL-4 R alpha / CD124 Protein, His Tag
	ILR-C5258	Cynomolgus	Cynomolgus / Rhesus macaque IL-4 R alpha / CD124 Protein, Fc Tag
	ILR-C52H8	Cynomolgus	Cynomolgus / Rhesus macaque IL-4 R alpha / CD124 Protein, His Tag (MALS verified)
IL-5	IL5-H52H3	Human	Human IL-5 Protein, His Tag
	IL5-H82Q5	Human	Biotinylated Human IL-5 Protein, His,Avitag™
	IL5-M52H3	Mouse	Mouse IL-5 Protein, His Tag (MALS verified)
	IL5-C52H3	Cynomolgus	Cynomolgus IL-5 Protein, His Tag
	IL5-R52H4	Rabbit	Rabbit IL-5 Protein, His Tag
IL-5 R alpha	ILA-H52H4	Human	Human IL-5 R alpha / CD125 Protein, His Tag
	ILA-H5269	Human	Human IL-5 R alpha / CD125 Protein, Fc Tag (MALS verified)
	ILA-H5259	Human	Human IL-5 R alpha / CD125 Protein, Fc Tag
IL-6	IL6-H82Q9	Human	Biotinylated Human IL-6 Protein, Avitag™,His Tag
	IL6-H8218	Human	Biotinylated Human IL-6 Protein, epitope tag free, ultra sensitivity (primary amine labeling)
	IL6-M5245	Mouse	Mouse IL-6 Protein, His Tag
	IL6-M82Q7	Mouse	Biotinylated Mouse IL-6 Protein, Avitag™,His Tag
	IL6-C5249	Cynomolgus	Cynomolgus IL-6 Protein, His Tag (MALS verified)
IL-6 R alpha	CD6-H82E8	Human	Biotinylated Human IL-6 R alpha / CD126 Protein, Avitag™,His Tag
	ILR-H4223	Human	Human IL-6 R alpha / CD126 Protein, His Tag
	ILR-H82F9	Human	Biotinylated Human IL-6 R alpha / CD126 Protein, Fc,Avitag™
	ILR-H5259	Human	Human IL-6 R alpha / CD126 Protein, Fc Tag
	ILR-M82E9	Mouse	Biotinylated Mouse IL-6 R alpha / CD126 Protein, His,Avitag™
gp130	ILT-H52H2	Human	Human gp130 / CD130 / IL-6 R beta Protein, His Tag
	ILT-M52H1	Mouse	Mouse gp130 / CD130 / IL-6 R beta Protein, His Tag
	ILT-M5252	Mouse	Mouse gp130 / CD130 / IL-6 R beta Protein, Fc Tag

分子	カタログ番号	種	製品説明
IL-7	IL7-H5253	Human	Human IL-7 Protein, Fc Tag (MALS verified)
IL-7 R alpha	ILA-H5258	Human	Human IL-7 R alpha / CD127 Protein, Mouse IgG2a Fc Tag
	IL7-H82F8	Human	Biotinylated Human IL-7 R alpha / CD127 Protein, Fc,Avitag™
	ILA-H525a	Human	Human IL-7 R alpha / CD127 Protein, Fc Tag
IL-7-P2A	ILA-H5218	Human	Human IL-7-P2A Protein, Tag Free
IL-8	IL8-H5258	Human	Human IL-8 / CXCL8 Protein, Fc Tag
	IL8-H52H3	Human	Human IL-8 / CXCL8 Protein, His Tag
	IL8-H82H3	Human	Biotinylated Human IL-8 protein, His,Avitag™
	IL8-C52H3	Cynomolgus	Cynomolgus IL-8 / CXCL8 Protein, His Tag
	IL8-C52H4	Cynomolgus	Cynomolgus IL-8 / CXCL8 Protein, His Tag (MALS verified)
IL-9	IL9-H52H9	Human	Human IL-9 Protein, His Tag (MALS verified)
IL-9R	ILR-H5251	Human	Human IL-9R Protein, Fc Tag
IL-10	IL0-H4248	Human	Human IL-10 Protein, His Tag
	IL0-M4248	Mouse	Mouse IL-10 Protein, His Tag
	IL0-C4248	Cynomolgus	Cynomolgus IL-10 Protein, His Tag
IL-10 R alpha	ILR-H82F6	Human	Biotinylated Human IL-10 R alpha / CD210 Protein, Fc,Avitag™ (MALS verified)
	ILR-C8256	Cynomolgus	Cynomolgus IL-10 R alpha / CD210 Protein, Fc Tag
	ILR-H8256	Cynomolgus	Cynomolgus IL-10 R alpha / CD210 Protein, Fc Tag
	ILR-C5256	Cynomolgus	Cynomolgus IL-10 R alpha / CD210 Protein, Fc Tag
IL-11	IL1-H5269	Human	Biotinylated Human IL-12 R beta 1 / CD212 Protein, Fc,Avitag™
	IL1-H82E3	Human	Biotinylated Human IL-11 Protein, His,Avitag™ (MALS verified)
	IL1-M5243	Mouse	Mouse IL-11 Protein, Fc Tag
	IL1-C5243	Cynomolgus	Cynomolgus IL-11 Protein, His Tag
IL-11 R alpha	ILR-H52H5	Human	Human IL-11 R alpha Protein, His Tag (MALS verified)
	ILR-H5256	Human	Human IL-11 R alpha Protein, Fc Tag (MALS verified)
	ILR-H82F5	Human	Biotinylated Human IL-11 R alpha Protein, Fc,Avitag™ (MALS verified)
	ILR-M52H9	Mouse	Mouse IL-11 R alpha Protein, His Tag
IL-12 R beta 1	ILB-H52E1	Human	Biotinylated Human IL-12 R beta 1 / CD212 Protein, His,Avitag™
	ILB-H5255	Human	Human IL-12 R beta 1 / CD212 Protein, Fc Tag
	ILB-H52H9	Human	Human IL-12 R beta 1 / CD212 Protein, His Tag
	ILB-H82F7	Human	Biotinylated Human IL-12 R beta 1 / CD212 Protein, Fc,Avitag™
	ILB-C52E2	Cynomolgus	Biotinylated Cynomolgus IL-12 R beta 1 / CD212 Protein, His,Avitag™
IL-12 R beta 2	ILB-H82F8	Human	Biotinylated Human IL-12 R beta 2 Protein, Fc,Avitag™
IL-12A	NK1-H5252	Human	Human IL-12A / NKSF1 / p35 Protein, Fc Tag
IL-12B	NK2-H5258	Human	Human IL-12B / NKSF2 / p40 Protein, Fc Tag
	NK2-H52H7	Human	Human IL-12B / NKSF2 / p40 Protein, His Tag
	NK2-M82E5	Mouse	Biotinylated Mouse IL-12B / NKSF2 / p40 Protein, His,Avitag™ (MALS verified)
IL-12B & IL-12A	IL2-H4210	Human	Human IL-12B&IL-12A Heterodimer Protein, His Tag&Flag Tag
	IL2-H8210	Human	Biotinylated Human IL-12B&IL-12A Heterodimer Protein, His,Avitag™&Flag Tag

分子	カタログ番号	種	製品説明
IL-13	IL3-H5256	Human	Human IL-13 Protein, Fc Tag
	IL3-H52H4	Human	Human IL-13 Protein, His Tag
	IL3-H82E5	Human	Biotinylated Human IL-13 Protein, His,Avitag™
	IL3-M5249	Mouse	Mouse IL-13 Protein, His Tag
	IL3-C5249	Cynomolgus	Cynomolgus IL-13 Protein, His Tag
	IL3-C52H4	Canine	Canine IL-13 Protein, His Tag
IL-13 R alpha 1	IL1-H5224	Human	Human IL-13 R alpha 1 Protein, His Tag (SPR verified)
	IL1-H82E8	Human	Biotinylated Human IL-13 R alpha 1 Protein, His,Avitag™ (MALS verified)
	IL1-H82F6	Human	Biotinylated Human IL-13 R alpha 1 Protein, Fc,Avitag™ (SPR verified)
	IL1-M52H7	Mouse	Mouse IL-13 R alpha 1 Protein, His Tag
	IL1-M5258	Mouse	Mouse IL-13 R alpha 1 Protein, Fc Tag
	IL1-C52H8	Cynomolgus	Cynomolgus IL-13 R alpha 1 Protein, His Tag
IL-13 R alpha 2	IL2-H5256	Human	Human IL-13 R alpha 2 Protein, Fc Tag (MALS verified)
	IL2-H52H5	Human	Human IL-13 R alpha 2 Protein, His Tag (MALS verified)
	IL2-R52H5	Rhesus macaque	Rhesus macaque IL-13 R alpha 2 Protein, His Tag
	IL2-C52H6	Canine	Canine IL-13 R alpha 2 Protein, His Tag (MALS verified)
IL-15	IL5-H52H8	Human	Human IL-15 Protein, His Tag (MALS verified)
	IL5-H82F3	Human	Biotinylated Human IL-15 Protein, Fc,Avitag™ (MALS verified)
	IL5-H82E3	Human	Biotinylated Human IL-15 Protein, His,Avitag™
	IL5-M5255	Mouse	Mouse IL-15 Protein, Fc Tag
	IL5-M82F3	Mouse	Biotinylated Mouse IL-15 Protein, Fc,Avitag™
	IL5-C52H4	Cynomolgus / Rhesus macaque	Cynomolgus / Rhesus macaque IL-15 Protein, His Tag
IL-15 R alpha	ILA-HP2F6	Human	PE-Labeled Human IL-15 R alpha / CD215 Protein, Fc Tag (Site-specific conjugation)
	ILA-H5253	Human	Human IL-15 R alpha / CD215 Protein, Fc Tag (MALS verified)
	ILA-H82F4	Human	Biotinylated Human IL-15 R alpha / CD215 Protein, Fc,Avitag™ (MALS verified)
	ILA-M5253	Mouse	Mouse IL-15 R alpha / CD215 Protein, Fc Tag
IL-17A	ILA-H5219	Human	Human IL-17A / CTLA-8 Protein, Tag Free (MALS verified)
	ILA-H82Q1	Human	Biotinylated Human IL-17A / CTLA-8 Protein, His,Avitag™
	CT8-M5240	Mouse	Mouse IL-17A / CTLA-8 Protein, His Tag (MALS verified)
	ILA-C5249	Cynomolgus	Cynomolgus IL-17A / CTLA-8 Protein, His Tag
	ILA-C52H7	Canine	Canine IL-17A / CTLA-8 Protein, His Tag
IL-17B	ILB-H5257	Human	Human IL-17B Protein, Fc Tag
	ILB-H82F1	Human	Biotinylated Human IL-17B Protein, Fc,Avitag™
IL-17C	ILC-H52H7	Human	Human IL-17C Protein, His Tag
	ILC-H82E5	Human	Biotinylated Human IL-17C Protein, His,Avitag™ (MALS verified)

分子	カタログ番号	種	製品説明
IL-17C	ILC-M52H7	Mouse	Mouse IL-17C Protein, His Tag
	ILC-M82E9	Mouse	Biotinylated Mouse IL-17C Protein, His,Avitag™ (MALS verified)
IL-17E	IL5-H52H9	Human	Human IL-17E / IL-25 Protein, His Tag (MALS verified)
	IL5-H82E1	Human	Biotinylated Human IL-17E / IL-25 Protein, His,Avitag™
IL-17F	ILF-H82Q9	Human	Biotinylated Human IL-17F Protein, His,Avitag™ (MALS verified)
	ILF-H4240	Human	Human IL-17F (H161R) Protein, His Tag
	ILF-H5244	Human	Human IL-17F Protein, His Tag
	ILF-M5249	Mouse	Mouse IL-17F Protein, His Tag
	ILF-C5243	Cynomolgus	Cynomolgus IL-17F Protein, His Tag
IL-17A & IL-17F	ILF-H52W6	Human	Human IL-17A&IL-17F Heterodimer Protein, Twin Strep&His Tag (MALS verified)
	ILF-H82W1	Human	Biotinylated Human IL-17A&IL-17F Protein, Avitag™,His Tag
IL-17 RA	ILA-H5257	Human	Human IL-17 RA / CD217 Protein, Fc Tag (MALS verified)
	ILA-H5222	Human	Human IL-17 RA / CD217 Protein, His Tag
	ILA-H82F1	Human	Biotinylated Human IL-17 RA / CD217 Protein, Fc,Avitag™
	ILR-H82E5	Human	Biotinylated Human IL-17 RA / CD217 Protein, His,Avitag™
IL-17 RB	ILB-H5251	Human	Human IL-17 RB Protein, Fc Tag
IL-17 RC	ILC-H82F9	Human	Biotinylated Human IL-17 RC Protein, Fc,Avitag™(MALS verified)
	ILC-H5259	Human	Human IL-17 RC Protein, Fc Tag (MALS verified)
IL-17 RA & IL-17 RC	ILC-H5257	Human	Human IL-17 RA & IL-17 RC Heterodimer Protein, Fc Tag&Fc Tag (MALS verified)
IL-17 RE	ILE-H5256	Human	Human IL-17 RE (155-454) Protein, Fc Tag
IL-18	IL8-H5113	Human	Human IL-18 Protein, Tag Free (MALS verified)
IL-18 R beta	ILB-H82E8	Human	Biotinylated Human IL-18 R beta / IL-1 R7 Protein, His,Avitag™
	ILB-H52H8	Human	Human IL-18 R beta / IL-1 R7 Protein, His Tag
	ILB-H5256	Human	Human IL-18 R beta / IL-1 R7 Protein, Fc Tag
IL-18 R1	IL1-H5259	Human	Human IL-18 R1 / CD218a Protein, Fc Tag
	IL1-H82E7	Human	Biotinylated Human IL-18 R1 / CD218a Protein, His,Avitag™ (MALS & SPR verified)
	IL1-H82F9	Human	Biotinylated Human IL-18 R1 / CD218a Protein, Fc,Avitag™ (SPR & MALS verified)
	IL1-H5228	Human	Human IL-18 R1 / CD218a Protein
IL-18BP	ILP-H5222	Human	Human IL-18BP Protein, His Tag (MALS verified)
	ILP-H5253	Human	Human IL-18BP Protein, Fc Tag (MALS verified)
IL-20	IL0-H5243	Human	Human IL-20 Protein, His Tag (MALS & SPR verified)
IL-20 R alpha	ILA-H52H3	Human	Human IL-21 Protein, Fc Tag
	ILA-H525d	Human	Human IL-20 R alpha Protein, Fc Tag (MALS verified)
IL-21	IL1-H5253	Human	Biotinylated Human IL-27 Protein, His,Avitag™
	IL1-H82F7	Human	Biotinylated Human IL-21 Protein, Fc,Avitag™ (MALS verified)
	IL1-C52H9	Cynomolgus	Cynomolgus IL-21 Protein, His Tag
IL-21 R	ILR-H5226	Human	Human IL-21 R Protein, His Tag (MALS verified)

分子	カタログ番号	種	製品説明
IL-21 R	ILR-H5257	Human	Human IL-21 R Protein, Fc Tag (MALS verified)
	ILR-C5259	Cynomolgus	Cynomolgus IL-21 R Protein, Fc Tag
IL-22	IL2-H524a	Human	Human IL-22 Protein, His Tag
	IL2-H8247	Human	Biotinylated Human IL-22 Protein, His,Avitag™
IL-22 R alpha 1	IL1-H5258	Human	Human IL-22 R alpha 1 Protein, Fc Tag
	IL1-H52H9	Human	Human IL-22 R alpha 1 Protein, His Tag
IL23A & IL12B	ILB-H5219	Human	Human IL-23 alpha & IL-12 beta Heterodimer Protein, Tag Free
	ILB-H52W5	Human	Human IL-23 alpha&IL-12 beta Heterodimer Protein, His Tag&Tag Free
	ILB-H82W6	Human	Biotinylated Human IL-23 alpha&IL-12 beta Heterodimer Protein, His,Avitag™&Tag Free (MALS verified)
	ILB-HM52W6	Human	Human IL-23 alpha & Mouse IL-12 beta Heterodimer Protein, His Tag&Tag Free (MALS verified)
	ILB-HR52W3	Human	Human IL-23 alpha & Rat IL-12 beta Heterodimer Protein, His Tag&Tag Free (MALS verified)
	ILB-M52W7	Mouse	Mouse IL-23 alpha&IL-12 beta Heterodimer Protein, His Tag&Tag Free
	ILB-CM52W8	Cynomolgus	Cynomolgus IL-23 alpha & Mouse IL-12 beta Heterodimer Protein, His Tag&Tag Free
IL-23R	ILR-H5254	Human	Human IL-23 R Protein, Fc Tag
	ILR-H52H4	Human	Human IL-23 R Protein, His Tag (MALS & SPR verified)
	ILR-H82F3	Human	Biotinylated Human IL-23 R Protein, Fc,Avitag™
	ILR-M5251	Mouse	Mouse IL-23 R Protein, Fc Tag
	ILR-C5251	Cynomolgus	Cynomolgus IL-23 R Protein, Fc Tag
IL-24	IL4-H52H4	Human	Human IL-24 Protein, His Tag (BLI verified)
IL-26	IL6-H82Q6	Human	Biotinylated Human IL-26 / AK155 Protein, Avitag™,His Tag
IL-27	IL7-H53H9	Human	Human IL-27 Protein, His Tag
	IL7-M82E4	Mouse	Biotinylated Mouse IL-27 Protein, His,Avitag™
IL-27 Ra	ILA-H5254	Human	Human IL-27 Ra / TCCR Protein, Fc Tag
IL-28 R alpha	ILR-H52H9	Human	Human IL-28 R alpha / IFN-lambda R1 Protein, His Tag
IL-29	IL9-H4228	Human	Human IL-29 / IFN-lambda 1 Protein, His Tag
IL-31	IL1-H5247	Human	Human IL-31 Protein, His Tag (MALS verified)
	IL1-M82Q9	Mouse	Biotinylated Mouse IL-31 Protein, His,Avitag™ (MALS verified)
	IL1-C5245	Cynomolgus	Cynomolgus IL-31 Protein, His Tag
IL-31 RA	ILA-H5256	Human	Human IL-31 RA Protein, Fc Tag
	ILA-H52H7	Human	Human IL-31 RA Protein, His Tag (MALS & SPR verified)
	ILA-H82E9	Human	Biotinylated Human IL-31 RA Protein, His,Avitag™
IL-33	IL3-H52H5	Human	Human IL-33 Protein, His Tag (MALS verified)
	IL3-H52H7	Human	Human IL-33 Protein, His Tag (MALS verified)
	IL3-H82H5	Human	Biotinylated Human IL-33 Protein, His,Avitag™ (MALS verified)
	IL3-M5245	Mouse	Mouse IL-33 Protein, His Tag
	IL3-M82Q7	Mouse	Biotinylated Mouse IL-33 Protein, His,Avitag™ (MALS verified)
	IL3-C5245	Cynomolgus	Cynomolgus IL-33 Protein, His Tag (MALS verified)

分子	カタログ番号	種	製品説明
IL-34	IL4-H52H3	Human	Human IL-34 Protein, His Tag
	IL4-H82E5	Human	Biotinylated Human IL-34 Protein, His,Avitag™
IL-35	IL5-H5259	Human	Human IL-35 Protein, Fc Tag
IL-37	ILB-H5141	Human	Human IL-37b / IL-1F7b Protein, His Tag
	ILB-H51H5	Human	Human IL-37 / IL-1F7 Protein, His Tag
IL-39	IL9-H5259	Human	Human IL-39 Protein, Fc Tag

▶ 成長因子と受容体

・VEGF

分子	カタログ番号	種	製品説明
VEGF110	VE0-H52H3	Human	Human VEGF110 Protein, His Tag
VEGF120	VE0-M82Q2	Mouse	Biotinylated Mouse VEGF120 Protein, His,Avitag™
VEGF121	VE1-H5246	Human	Human VEGF121 Protein, His Tag (MALS verified)
	VE1-H82E7	Human	Biotinylated Human VEGF121 Protein, Avitag™, His Tag
VEGF164	VE4-M82Q3	Mouse	Biotinylated Mouse VEGF164 Protein, His,Avitag™
VEGF165	VE5-H5248	Human	Human VEGF165 Protein, His Tag
	VE5-H8210	Human	Biotinylated Human VEGF165, epitope tag free, ultra sensitivity (primary amine labeling)
	VE5-H82Q0	Human	Biotinylated Human VEGF165 Protein, His,Avitag™
VEGF189	VE9-H5349	Human	Human VEGF189 Protein, His Tag
VEGF-B	VE6-H5225	Human	Human VEGF-B Protein, His Tag
VEGF-C	VEC-H4225	Human	Human VEGF-C / Flt4-L Protein, His Tag (MALS verified)
VEGF-D	VED-H5228	Human	Human VEGF-D Protein, His Tag
VEGF R1	VE1-H52H9	Human	Human VEGF R1 / Flt-1 Protein, His Tag (MALS verified)
	VE1-H82E3	Human	Biotinylated Human VEGF R1 / Flt-1 Protein, His,Avitag™
	VE1-M5256	Mouse	Mouse VEGF R1 / Flt-1 Protein, Mouse IgG2a Fc Tag, low endotoxin
VEGF R2	CHEK-ATF044	Human	VEGFR2 (Luc) HEK293 Reporter Cell
	KDR-H9227	Human	C13 and N15-labeled, Human VEGF R2 / KDR Protein
	VE2-M5258	Mouse	Mouse VEGF R2 / KDR Protein, Mouse IgG2a Fc Tag, low endotoxin
	VE2-C52H3	Rhesus macaque	Rhesus macaque VEGF R2 / KDR Protein, His Tag
VEGF R3	FL4-H5251	Human	Human VEGF R3 / FLT4 Protein, Fc Tag (MALS verified)
	FL4-H82E1	Human	Biotinylated Human VEGF R3 / FLT4 Protein, His,Avitag™
	FL4-M5251	Mouse	Mouse VEGF R3 / FLT4 Protein, Mouse IgG2a Fc Tag, low endotoxin

・TGF

分子	カタログ番号	種	製品説明
TGF-alpha	TGA-H5141	Human	Human Transforming growth factor-alpha/TGF-alpha Protein, His Tag
TGF-beta 1	TG1-H8217	Human	Biotinylated Human TGF-Beta 1 / TGFB1 Protein, Avitag™
	TG1-H5253	Human	Human TGF-Beta 1 / TGFB1 Protein, Fc Tag
	TG1-M5218	Mouse / Rat	Mouse / Rat TGF-Beta 1 / TGFB1 Protein, Tag Free (MALS verified)
	TG1-M8218	Mouse / Rat	Biotinylated Mouse / Rat TGF-Beta 1 / TGFB1 Protein, Avitag™
TGF-beta 2	TG2-H4215	Human	Human TGF-Beta 2 / TGFB2 Protein, Tag Free
TGF-beta 3	TG3-H5213	Human	Human TGF-beta 3 / TGFB3 Protein, Tag Free
	TG3-H82E6	Human	Biotinylated Human Latent TGF-beta 3 / Latent TGFB3 Protein, His,Avitag™
	TG3-H52H5	Human	Human Latent TGF-beta 3 / Latent TGFB3 Protein, His Tag
LAP (TGF-beta 1)	LAP-H5245	Human	Human LAP (TGF-beta 1) Protein, His Tag
	LAP-H82Q6	Human	Biotinylated Human LAP (TGF-beta 1) Protein, His,Avitag™ (MALS verified)
	LAP-H82F8	Human	Biotinylated Human LAP (TGF-beta 1) (C33S) Protein, Fc,Avitag™ (MALS verified)
	LAP-H5213	Human	Human LAP (TGF-beta 1) Protein, Tag Free (MALS verified)
Latent TGF-beta 1	TG1-H524x	Human	Human Latent TGF-beta 1 / TGFB1 Protein, His Tag (MALS verified)
	TG1-H82Qb	Human	Biotinylated Human Latent TGF-Beta 1 / TGFB1 Protein, His,Avitag™
	TG1-M5245	Mouse	Mouse Latent TGF-beta 1 / TGFB1 Protein, His Tag
	TG1-C5243	Cynomolgus	Cynomolgus Latent TGF-beta 1 (C33S) Protein, His Tag (HPLC verified)
Latent TGF-beta 2	TG2-H5243	Human	Human Latent TGF-beta 2 / TGFB2 Protein, His Tag
LRRC32 & TGF-beta 1	GA1-H52W9	Human	Human LRRC32&TGF-beta 1 Heterotrimer protein, His Tag&Tag Free (MALS verified)
	GA1-M52W2	Mouse	Mouse LRRC32&TGF-beta 1 Heterotrimer protein, His Tag&Tag Free (MALS verified)
	GA1-C52W7	Cynomolgus	Cynomolgus LRRC32&TGF-beta 1 Heterotrimer Protein, His Tag&Tag Free
TGF-beta RII	TG2-H5252	Human	Human TGF-beta RII / TGFB2 Protein, Fc Tag (MALS verified)
	TG2-H52H5	Human	Human TGF-beta RII / TGFB2 Protein, His Tag
	TG2-H82E4	Human	Biotinylated Human TGF-beta RII / TGFB2 Protein, His,Avitag™
	TG2-H82F6	Human	Biotinylated Human TGF-beta RII / TGFB2 Protein, Fc,Avitag™ (MALS verified)
	TG2-M82H5	Mouse	Biotinylated Mouse TGF-beta RII / TGFB2 Protein, His,Avitag™

・FGF

分子	カタログ番号	種	製品説明
FGF acidic	AFF-H4116	Human	Human FGF acidic Protein, Tag Free
FGF basic	FGC-H81E3	Human	Biotinylated Human FGF basic Protein, Avitag™,His Tag (MALS verified)
FGF-3	FG3-H51H9	Human	Human FGF-3 / HBGF-3 Protein, His Tag
FGF-8b	FG3-H5247	Human	Human FGF-3 / HBGF-3 Protein, His Tag
FGF-4	FG4-H52H3	Human	Human FGF-4 Protein, His Tag
FGF-5	FG5-H52H3	Human	Human FGF-5 Protein, His Tag
FGF-6	FG6-H52H3	Human	Human FGF-6 Protein, His Tag
FGF-7	FG7-H51H5	Human	Human FGF-7 / HBGF-7 / KGF Protein, His Tag
	FG7-H82E7	Human	Biotinylated Human FGF-7 / HBGF-7 / KGF Protein, His,Avitag™

分子	カタログ番号	種	製品説明
FGF-8a	FGA-H52H1	Human	Human/Mouse FGF-8a Protein, His Tag
FGF-8b	FGB-H52H1	Human	Human/Mouse FGF-8b Protein, His Tag
FGF-9	FG9-H4267	Human	Human FGF-9 Protein, Fc Tag
	FG9-H52H3	Human	Human FGF-9 Protein, His Tag
FGF-10	FG0-H81Q7	Human	Biotinylated Human FGF-10 / KGF 2 Protein, His,Avitag™ (SPR verified)
	FG0-H5145	Human	Human FGF-10 / KGF 2 Protein, His Tag
	FG0-H82Q4	Human	Biotinylated Human FGF-10 / KGF 2 Protein, His,Avitag™
FGF19	FG9-H5253	Human	Human FGF19 Protein, Fc Tag
	FG9-H51H3	Human	Human FGF19 Protein, His Tag
FGF-21	FG1-H5243	Human	Human FGF-21 Protein, His Tag
FGF-23	FG3-H52H3	Human	Human FGF-23 (R179Q) Protein, His Tag
FGF R1	FG1-H5223	Human	Human FGF R1 / CD331 Protein, His Tag (SPR verified)
FGF R3 (IIIb)	FGB-H5259	Human	Human FGF R3 (IIIb) / FGF R3B / CD333 Protein, Fc Tag (MALS verified)
FGF R3 (IIIc)	FGC-H5256	Human	Human FGF R3 (IIIc) / FGF R3C / CD333 Protein, Fc Tag (MALS verified)
FGF R4	FG4-H5228	Human	Human FGF R4 / CD334 Protein, His Tag
	FG4-H5253	Human	Human FGF R4 / CD334 Protein, Fc Tag (MALS verified)
	FG4-M52Ha	Mouse	Mouse FGF R4 / CD334 Protein, His Tag

・EGF

分子	カタログ番号	種	製品説明
EGF	EGF-H82E9	Human	Biotinylated Human EGF Protein, His,Avitag™
	EGF-H525b	Human	Human EGF Protein, Mouse IgG2a Fc Tag
	EGF-M5265	Mouse	Mouse EGF Protein, Fc Tag
EGF R	EGR-H522a	Human	Human EGF R Protein, His Tag, low endotoxin (MALS verified)
	EGR-H5252	Human	Human EGF R Protein, Fc Tag (MALS verified)
	EGR-H5222	Human	Human EGF R Protein, His Tag (MALS verified)
	EGR-M1201	Human	Monoclonal Anti-Human EGF R Antibody, Human IgG1
	MBE-K012	Human	Human EGFR-coupled Magnetic Beads
	CHEK-ATF049	Human	EGFR (Luc) HEK293 Reporter Cell
	EGR-H5259	Human	Human EGF R Protein, Llama IgG2b Fc Tag, low endotoxin
	EGR-M5224	Mouse	Mouse EGF R Protein, His Tag
	EGR-R52H7	Rabbit	Rabbit EGF R Protein, His Tag
	EGR-C5252	Rhesus macaque	Rhesus macaque EGF R Protein, Fc Tag (MALS verified)
	EGR-C52H1	Rhesus macaque	Rhesus macaque EGF R Protein, His Tag
EGFRVIII	EGI-H52H4	Human	Human EGFRVIII Protein, His Tag (MALS verified)
	MBS-K020	Human	Human EGFRVIII-coupled Magnetic Beads
HBEGF	HBF-H52H3	Human	Human HBEGF Protein, His Tag

・IGF

分子	カタログ番号	種	製品説明
IGF-I	IG1-H4269	Human	Human IGF-I Protein, Fc Tag
	IG1-H82Q6	Human	Biotinylated Human IGF-I Protein, His,Avitag™ (SPR verified)
	IG1-H5245	Human	Human IGF-I Protein, His Tag (SPR verified)
	IG1-H82F7	Human	Biotinylated Human IGF-I Protein, Avitag™,Fc Tag (MALS verified)
	IG1-M5253	Mouse	Mouse IGF-I Protein, Fc Tag (MALS verified)
IGF-II	IG2-H4260	Human	Human IGF-II Protein, Fc Tag
	IG2-H82F9	Human	Biotinylated Human IGF-II Protein, Avitag™,Fc Tag
	IG2-H82Q6	Human	Biotinylated Human IGF-II Protein, His,Avitag™
IGF-I R	IGR-H5253	Human	Human IGF-I R / CD221 Protein, Fc Tag
	IGR-H5229	Human	Human IGF-I R / CD221 Protein, His Tag (MALS verified)
	IGR-H82E3	Human	Biotinylated Human IGF-I R / CD221 Protein, His,Avitag™
	IGR-M5223	Mouse	Mouse IGF-I R / CD221 Protein, His Tag
	IGR-R5224	Rat	Rat IGF-I R / CD221 Protein, His Tag (MALS verified)
	IGR-C5225	Cynomolgus	Cynomolgus IGF-I R / CD221 Protein, His Tag (MALS verified)
IGFBP-3	IG3-H52H9	Human	Human IGFBP-3 Protein, His Tag
IGFBP-3 R	IGR-H5259	Human	Human IGFBP-3 R / TMEM219 Protein, Fc Tag
IGFBP-4	IG4-H52E4	Human	Human IGFBP-4 Protein, His Tag
IGFBP-5	IG5-H5226	Human	Human IGFBP-5 Protein
IGFBP-7	IG7-H82Q9	Human	Biotinylated Human IGFBP-7 Protein, His,Avitag™ (MALS verified)
	IG7-H5240	Human	Human IGFBP-7 Protein, His Tag
	IG7-H82F9	Human	Biotinylated Human IGFBP-7 Protein, Fc,Avitag™ (MALS verified)
	IG7-H5259	Human	Human IGFBP-7 Protein, Fc Tag (MALS verified)

・GDF

分子	カタログ番号	種	製品説明
GDF-2	GD2-H5211	Human	Human GDF-2 Protein, Tag Free
GDF-15	GD5-H5245	Human	Human GDF-15 / MIC-1 Protein, His Tag
	GD5-H5149	Human	Human GDF-15 / MIC-1 Protein, His Tag
	GD5-H82F9	Human	Biotinylated Human GDF-15 / MIC-1 Protein, Avitag™, Fc Tag (MALS verified)
	GD5-H5269	Human	Human GDF-15 / MIC-1 Protein, Fc Tag (MALS verified)
	GD5-M5149	Mouse	Mouse GDF-15 / MIC-1 Protein, His Tag
	GD5-C5148	Cynomolgus	Cynomolgus GDF-15 / MIC-1 Protein, His Tag
Latent GDF-2	GD2-H52H3	Human	Human Latent GDF-2 / BMP-9 Protein, His Tag (MALS verified)
latent GDF-8	GD8-H5243	Human	Human latent GDF-8 Protein, His Tag (MALS verified)
GFR alpha-like	GFA-H52H3	Human	Human GFR alpha-like Protein, His Tag
	GFE-H5259	Human	Human GFR alpha-like Protein, Fc Tag
	GFA-M52H7	Mouse	Mouse GFR alpha-like Protein, His Tag
	GFA-R52H5	Rat	Rat GFR alpha-like Protein, His Tag
	GFA-C52H6	Cynomolgus	Cynomolgus GFR alpha-like Protein, His Tag
	GFA-R52H7	Rhesus macaque	Rhesus macaque GFR alpha-like Protein, His Tag

▶ その他の成長因子

分子	カタログ番号	種	製品説明
CTGF	CTF-H52H5	Human	Human CTGF / CCN2 Protein, His Tag
	CTF-H82E6	Human	Biotinylated Human CTGF / CCN2 Protein, His,Avitag™ (recommended for biopanning)
	GTF-H5253	Human	Human CTGF / CCN2 Protein, Fc Tag
	CTF-H52E6	Human	Unconjugated Human CTGF / CCN2 Protein, His Tag, Avi Tag (Avitag™)
	CTF-M52Hc	Mouse	Mouse CTGF / CCN2 Protein, His Tag
	GTF-R52H4	Rhesus macaque	Rhesus macaque CTGF / CCN2 Protein, His Tag
PDGF-BB	PDB-H5127	Human	Unconjugated Human PDGF-BB Protein, His,Avitag™
	PDB-H82E3	Human	Biotinylated Human PDGF-BB protein, His,Avitag™
HGF R	MET-H5227	Human	Human HGF R / c-MET Protein, His Tag
	MET-H5256	Human	Human HGF R / c-MET Protein, Fc Tag (MALS verified)
	MET-H82E1	Human	Biotinylated Human HGF R / c-MET Protein, Avitag™,His Tag (MALS verified)
	MBS-K021	Human	Human HGF R-coupled Magnetic Beads
	MET-M5254	Mouse	Mouse HGF R / c-MET Protein, Fc Tag (MALS verified)
	MET-R52H9	Rabbit	Rabbit HGF R / c-MET Protein, His Tag (MALS verified)
	MET-C52H9	Cynomolgus	Cynomolgus HGF R / c-MET Protein, His Tag
	MET-C5256	Canine	Canine HGF R / c-MET Protein,Fc Tag (MALS verified)
	MET-R5256	Rhesus macaque	Rhesus macaque HGF R / c-MET Protein,Fc Tag
PDGF R alpha	PDA-H52H7	Human	Human PDGF R alpha / PDGFRA Protein, His Tag
PDGF R beta	PDB-H5259	Human	Human PDGF R beta / CD140b Protein, Fc Tag

▶ TNF および受容体

分子	カタログ番号	種	製品説明
TNF-alpha	TNA-H8211	Human	Biotinylated Human TNF-alpha Protein, epitope tag free, ultra sensitivity (primary amine labeling) (active trimer) (MALS verified)
	TNA-H82E3	Human	Biotinylated Human TNF-alpha Protein, His,Avitag™ (active trimer) (MALS verified)
	TNA-H5228	Human	Human TNF-alpha Protein, His Tag (active trimer) (MALS verified)
	TNA-M82E9	Mouse	Biotinylated Mouse TNF-alpha Protein, His,Avitag™ (active trimer) (MALS verified)
	TNA-C52H3	Canine	Canine TNF-alpha Protein, His Tag, active trimer (MALS verified)
TNFR1	TN1-H5222	Human	Human TNFR1 / CD120a / TNFRSF1A Protein, His Tag
	TN1-H5251	Human	Human TNFR1 / CD120a / TNFRSF1A Protein, Fc Tag (MALS verified)
TNFR2	TN2-H82E3	Human	Biotinylated Human TNFR2 / CD120b / TNFRSF1B Protein, His,Avitag™
	TN2-H5227	Human	Human TNFR2 / CD120b / TNFRSF1B Protein, His TagHuman VEGF165 Protein, Tag Free (MALS verified)
	TN2-M52H8	Mouse	Mouse TNFR2 / CD120b / TNFRSF1B Protein, His Tag
	TN2-C52H7	Cynomolgus / Rhesus macaque	Cynomolgus / Rhesus macaque TNFR2 / CD120b / TNFRSF1B Protein, His Tag
TNFSF11	RAL-H52A6	Human	Human TNFSF11 / RANKL / CD254 Protein, Mouse IgG2a Fc Tag
	RAL-H82Q5	Human	Biotinylated Human TNFSF11 / RANKL / CD254 Protein, His,Avitag™, active trimer (MALS verified)
	RAL-H82F9	Human	Biotinylated Human TNFSF11 / RANKL / CD254 Protein, Avitag™,Fc Tag

分子	カタログ番号	種	製品説明
TNFSF11	RAL-H5265	Human	Human TNFSF11 / RANKL / CD254 Protein, Fc Tag
	RAL-H5240	Human	Human TNFSF11 / RANKL / CD254 Protein, His Tag (active trimer) (MALS verified)
	RAL-R82Q9	Rat	Biotinylated Rat TNFSF11 / RANKL / CD254 Protein, His,Avitag™
CD40 Ligand	CDL-H5256	Human	Human / Rhesus macaque CD40 Ligand / TNFSF5 Protein, Mouse IgG2a Fc Tag, low endotoxin
	CDL-H5269	Human	Human CD40 Ligand / TNFSF5 Protein, Fc Tag (active trimer) (MALS verified)
	CDL-H52Db	Human	Human CD40 Ligand / TNFSF5 Protein, His,Flag Tag (active trimer) (MALS verified)
	CDL-H82F1	Human	Biotinylated Human CD40 Ligand / TNFSF5 Protein, Avitag™,Fc Tag
	CDL-H82Db	Human	Biotinylated Human CD40 Ligand / TNFSF5 Protein, Avitag™,His,Flag Tag (active trimer) (MALS verified)
	CDL-M5248	Mouse	Mouse CD40 Ligand / TNFSF5 Protein, His Tag (active trimer) (MALS verified)
	CDL-M526x	Mouse	Mouse CD40 Ligand / TNFSF5 Protein, Fc Tag
	CDL-M52D5	Mouse	Mouse CD40 Ligand / TNFSF5 Protein, His,Flag Tag (active trimer) (MALS verified)
	CDL-M82H5	Mouse	Biotinylated Mouse CD40 Ligand / TNFSF5 Protein, His,Avitag™ (active trimer) (MALS verified)
	CD0-R52D9	Rabbit	Rabbit CD40 Ligand / TNFSF5 Protein, His,Flag Tag (active trimer) (MALS verified)
CD27 Ligand	CDL-H525a	Human	Human CD27 Ligand / CD70 Protein, Mouse IgG2a Fc Tag, low endotoxin
	TN7-H82F5	Human	Biotinylated Human CD27 Ligand / CD70 Protein, Avitag™,Fc Tag, active trimer (MALS verified)
	CDL-H5255	Human	Human CD27 Ligand / CD70 Protein, Llama IgG2b Fc Tag, low endotoxin
	CDL-H82D7	Human	Biotinylated Human CD27 Ligand / CD70 Protein, His,Avitag™,Flag Tag (active trimer) (MALS verified)
	CDL-H5266	Human	Human CD27 Ligand / CD70 Protein, Fc Tag (active trimer) (MALS verified)
	CDL-H52Da	Human	Human CD27 Ligand / CD70 Protein, His,Flag Tag (active trimer) (MALS verified)
	CDL-M82Qb	Mouse	Biotinylated Mouse CD27 Ligand / CD70 Protein, His,Avitag™
	CDL-M5245	Mouse	Mouse CD27 Ligand / CD70 Protein, His Tag (active trimer) (MALS verified)
OX40 Ligand	CDL-M5251	Mouse	Mouse CD27 Ligand / CD70 Protein, Mouse IgG2a Fc Tag, low endotoxin
	OXL-H52Q8	Human	Human OX40 Ligand / TNFSF4 Protein, His Tag (active trimer) (MALS verified)
	OXL-H5250	Human	Human OX40 Ligand / TNFSF4 Protein, Mouse IgG2a Fc Tag, low endotoxin
	OXL-H82F4	Human	Biotinylated Human OX40 Ligand / TNFSF4 Protein, Avitag™,Fc Tag
	OXL-H82Q5	Human	Biotinylated Human OX40 Ligand / TNFSF4 Protein, His,Avitag™ (active trimer) (MALS verified)
	OXL-H5266	Human	Human OX40 Ligand / TNFSF4 Protein, Fc Tag (active trimer) (MALS verified)
	CHEK-ATP054	Human	HEK293/Human OX40 Ligand / TNFSF4 Stable Cell Line
	OXL-M526x	Mouse	Mouse OX40 Ligand / TNFSF4 Protein, Fc Tag
	TN4-M5241	Mouse	Mouse OX40 Ligand / TNFSF4 / CD252 Protein, His Tag
	OXL-R5248	Rat	Rat OX40 Ligand / TNFSF4 Protein, His Tag (active trimer) (MALS verified)
	OXL-R5249	Rabbit	Rabbit OX40 Ligand / TNFSF4 Protein, His Tag (active trimer) (MALS verified)
	OXL-R5259	Cynomolgus / Rhesus macaque	Cynomolgus / Rhesus macaque OX40 Ligand / TNFSF4 Protein, Mouse IgG2a Fc Tag
CD30 ligand	CDL-H524b	Human	Human CD30 Ligand / TNFSF8 Protein, His Tag, low endotoxin (MALS verified)
	CDL-H525b	Human	Human CD30 Ligand / TNFSF8 Protein, Mouse IgG2a Fc Tag, low endotoxin
4-1BB Ligand	41L-H5265	Human	Human 4-1BB Ligand / TNFSF9 (71-254) Protein, Fc Tag, active trimer (MALS verified)
	41L-H52D4	Human	Human 4-1BB Ligand / TNFSF9 (71-254) Protein, His,Flag Tag (active trimer) (MALS verified)

分子	カタログ番号	種	製品説明
4-1BB Ligand	41L-H82F9	Human	Biotinylated Human 4-1BB Ligand / TNFSF9 Protein, Fc,Avitag™
	41L-M5257	Mouse	Mouse 4-1BB Ligand / TNFSF9 Protein, Fc Tag
	41L-R52D3	Rat	Rat 4-1BB Ligand / TNFSF9 Protein, His,Flag Tag (MALS verified)
	41L-C5254	Cynomolgus	Cynomolgus 4-1BB Ligand / TNFSF9 Protein, Fc Tag, active trimer (MALS verified)
TRAIL	TRL-H5259	Human	Human TRAIL / TNFSF10 Protein, Mouse IgG2a Fc Tag
TRAIL R1	TR1-H5254	Human	Human TRAIL R1 / DR4 / TNFRSF10A Protein, Fc Tag
	TR1-H5228	Human	Human TRAIL R1 / DR4 / TNFRSF10A Protein, His Tag
TRAIL R2	TR2-H5229	Human	Human TRAIL R2 / DR5 / TNFRSF10B Protein, His Tag
	TR2-H5255	Human	Human TRAIL R2 / DR5 / TNFRSF10B Protein, Fc Tag
	TR2-H82E6	Human	Biotinylated Human TRAIL R2 / DR5 / TNFRSF10B Protein, Avitag™,His Tag (MALS verified)
	TR2-M52H5	Mouse	Mouse TRAIL R2 / DR5 / TNFRSF10B Protein, His Tag
	TR2-C52H7	Cynomolgus	Cynomolgus TRAIL R2 / DR5 / TNFRSF10B Protein, His Tag (MALS verified)
TRAIL R4	TR4-H52H5	Human	Human TRAIL R4 / TNFRSF10D Protein, His Tag
TWEAK R	TNA-H526a	Human	Human TWEAK R / TNFRSF12A Protein, Fc Tag
APRIL	APL-H5268	Human	Human APRIL / TNFSF13 Protein, Fc Tag, active trimer (MALS verified)
	APL-H52D1	Human	Human APRIL / TNFSF13 Protein, His,Flag Tag, active trimer (MALS verified)
	APL-H82F5	Human	Biotinylated Human APRIL / TNFSF13 Protein, Fc,Avitag™
	APL-C52D2	Cynomolgus	Cynomolgus APRIL / TNFSF13 Protein, His,Flag Tag, active trimer (MALS verified)
BAFF	BAF-H52D4	Human	Human BAFF / TNFSF13B / CD257 Protein, His,Flag Tag, active trimer (MALS verified)
	BAF-H5261	Human	Human BAFF / TNFSF13B / CD257 Protein, Fc Tag, active trimer (MALS verified)
	BAF-H82Q2	Human	Biotinylated Human BAFF / TNFSF13B / CD257 Protein, His,Avitag™ (active trimer) (MALS verified)
	BAF-H82F3	Human	Biotinylated Human BAFF / TNFSF13B / CD257 Protein, Avitag™,Fc Tag (active trimer) (MALS verified)
	BAF-M8219	Mouse	Biotinylated Mouse BAFF / TNFSF13B / CD257 Protein, Tag Free, ultra sensitivity (primary amine labeling)
	BAF-M521y	Mouse	Mouse BAFF / TNFSF13B / CD257 Protein, Tag Free
	BAF-M5257	Mouse	Mouse BAFF / TNFSF13B / CD257 Protein, Mouse IgG2a Fc Tag, low endotoxin
BAFF R	BAR-H52H3	Human	Human BAFFR / TNFRSF13C Protein, His Tag
	BAR-H82E3	Human	Biotinylated Human BAFFR / TNFRSF13C Protein, His,Avitag™ (MALS verified)
	BAR-H5258	Human	Human BAFFR / TNFRSF13C Protein, Llama IgG2b Fc Tag, low endotoxin
	BAR-H5257	Human	Human BAFFR / TNFRSF13C Protein, Fc Tag
	BAR-M52H8	Mouse	Mouse BAFFR / TNFRSF13C Protein, His Tag
	BAR-M5259	Mouse	Mouse BAFFR / TNFRSF13C Protein, Fc Tag (HPLC verified)
	BAR-M82F0	Mouse	Biotinylated Mouse BAFFR / TNFRSF13C Protein, Fc,Avitag™
	BAR-C52H4	Cynomolgus	Cynomolgus BAFFR / TNFRSF13C Protein, His Tag
	BAR-R52H3	Rat	Rat BAFFR / TNFRSF13C Protein, His Tag
	BAR-C52H4	Cynomolgus	Cynomolgus BAFFR / TNFRSF13C Protein, His Tag
LIGHT	LIT-H5269	Human	Human LIGHT / TNFSF14 Protein, Fc Tag (active trimer) (MALS verified)
	LIT-H5242	Human	Human LIGHT / TNFSF14 Protein, His Tag (active trimer) (MALS verified)
	LIT-H5256	Human	Human LIGHT / TNFSF14 Protein, Mouse IgG2a Fc Tag, low endotoxin

分子	カタログ番号	種	製品説明
HVEM	HVM-H5255	Human	Human HVEM / TNFRSF14 Protein, Mouse IgG2a Fc Tag, low endotoxin
	HVM-H5258	Human	Human HVEM / TNFRSF14 Protein, Fc Tag
	HVM-H52E9	Human	Human HVEM / TNFRSF14 Protein, His Tag (MALS verified)
	HV4-H82F1	Human	Biotinylated Human HVEM / TNFRSF14 Protein, Fc,Avitag™
	HVM-H82F6	Human	Biotinylated Human HVEM / TNFRSF14 Protein, Fc,Avitag™
	HVM-H5257	Human	Human HVEM / TNFRSF14 Protein, Mouse IgG2a Fc Tag (MALS verified)
GITR	GIR-H5228	Human	Human GITR / TNFRSF18 Protein, His Tag
	GIR-H5254	Human	Human GITR / TNFRSF18 Protein, Fc Tag
	GIR-H525a	Human	Human GITR / TNFRSF18 Protein, Mouse IgG2a Fc Tag, low endotoxin
	GIR-H82E1	Human	Biotinylated Human GITR / TNFRSF18 Protein, His,Avitag™ (MALS verified)
	GIR-H82F7	Human	Biotinylated Human GITR / TNFRSF18 Protein, Fc,Avitag™
	GIR-M5220	Mouse	Mouse GITR / TNFRSF18 Protein, His Tag
	GIR-R5222	Rat	Rat GITR / TNFRSF18 Protein, His Tag
	GIR-R5253	Rat	Rat GITR / TNFRSF18 Protein, Fc Tag
	GIR-C5255	Rhesus macaque	Rhesus macaque GITR / TNFRSF18 Protein, Fc Tag
	GIR-C52H6	Canine	Canine GITR / TNFRSF18 Protein, His Tag
GITR Ligand	GIL-H5249	Human	Human GITR Ligand / TNFSF18 Protein, His Tag
	GIL-H526a	Human	Human GITR Ligand / TNFSF18 Protein, N-Fc Tag, HEK293 expressed
	GIL-H82F8	Human	Biotinylated Human GITR Ligand / TNFSF18 Protein, Avitag™, Fc Tag
	GIL-M526x	Mouse	Mouse GITR Ligand Protein, Fc Tag

▶ ケモカインと受容体

分子	カタログ番号	種	製品説明
CCL1	CC1-H82E9	Human	Biotinylated Human CCL1 / I-309 / C-C motif chemokine 1 Protein, His,Avitag™ (MALS verified)
	CC1-H5254	Human	Human CCL1 / I-309 Protein, Fc Tag (MALS verified)
CCL2	CC2-H5255	Human	Human CCL2 / MCP-1 Protein, Fc Tag (MALS verified)
CCL3	CC3-H5249	Human	Human CCL3 / MIP-1 alpha Protein, His Tag
CCL5	CC5-H5251	Human	Human CCL5/RANTES Protein, Fc Tag (MALS verified)
CCL7	CC7-H52H6	Human	Human CCL7 / MCP-3 Protein, His Tag
CCL14	CC4-H5249	Human	Human CCL14 / HCC-1 Protein, His Tag
CCL17	CC7-H5256	Human	Human CCL17 / TARC Protein, Fc Tag (MALS verified)
CCL20	CC0-M82E5	Mouse	Biotinylated Mouse CCL20 / MIP-3 alpha Protein, His,Avitag™
CCL22	CC2-H5257	Human	Human CCL22 / MDC Protein, Fc Tag
CCL24	CC4-H52H1	Human	Human CCL24/Eotaxin-2 Protein, His Tag
CXCL1	CX1-H5253	Human	Human CXCL1 Protein, Fc Tag
CXCL2	CX2-H5253	Human	Human CXCL2 Protein, Fc Tag
CXCL4	CX4-H52H9	Human	Human CXCL4 / PF4 Protein, His Tag
CXCL10	CX0-H51H1	Human	Human CXCL10 / IP-10 Protein, His Tag
	CX0-H52H9	Human	Human CXCL10 / IP-10 Protein, His Tag

分子	カタログ番号	種	製品説明
CXCL13	CX3-H1249	Human	Human CXCL13 / BCA-1 Protein, His Tag
	CX3-C5249	Human	Human CXCL13 / BCA-1 Protein, His Tag
	CX3-H5249	Human	Human CXCL13 / BCA-1 Protein, His Tag
CXCL16	CX6-H5254	Human	Human CXCL16 Protein, Fc Tag
CX3CL1	CX1-H5221	Human	Human CX3CL1 / Fractalkine Protein, His Tag
	CX1-H8221	Human	Biotinylated Human CX3CL1 Protein, His Tag, ultra sensitivity (primary amine labeling)
	CX1-H52E5	Human	Human CX3CL1 Protein, His Tag
	CX1-C5222	Cynomolgus	Cynomolgus CX3CL1 / Fractalkine Protein, His Tag
CCR5	CC5-H52P3	Human	Human CCR5 Full Length Protein-VLP (HEK293)
	CC5-H52D1	Human	Human CCR5 Protein, Flag,His Tag
	CHEK-ATP043	Human	HEK293/Human CCR5 Stable Cell Line
CXCR3	CX3-H52P4	Human	Human CXCR3 Full Length Protein-VLP (HEK293)
CXCR4	CX4-H5219	Human	Human CXCR4 / CD184 Full Length Protein-VLP (HEK293)
	CX4-H5269	Human	Human CXCR4 / CD184 Protein, Fc Tag

▶ CSF および受容体

分子	カタログ番号	種	製品説明
M-CSF	MCF-H5247	Human	Human M-CSF / CSF-1 Protein, His Tag
	MCF-H82E6	Human	Biotinylated Human M-CSF / CSF-1 Protein, His,Avitag™
GM-CSF	GMF-H8214	Human	Biotinylated Human GM-CSF, epitope tag free, ultra sensitivity (primary amine labeling)
M-CSF R	CSR-H5228	Human	Human M-CSF R / CSF1R / CD115 Protein, His Tag (HPLC verified)
	CSR-H5255	Human	Human M-CSF R / CSF1R / CD115 Protein, Mouse IgG2a Fc Tag (MALS verified)
	CSR-H5258	Human	Human M-CSF R / CSF1R / CD115 Protein, Fc Tag, low endotoxin
	CSR-H82E0	Human	Biotinylated Human M-CSF R / CSF1R / CD115 Protein, Avitag™,His Tag
	CSR-M5256	Mouse	Mouse M-CSF R / CSF1R / CD115 Protein, Fc Tag, low endotoxin
	CSR-M52E7	Mouse	Mouse M-CSF R / CSF1R / CD115 Protein, His Tag
	CSR-M82E8	Mouse	Biotinylated Mouse M-CSF R / CSF1R / CD115 Protein, Avitag™,His Tag
	CSR-C5252	Cynomolgus	Cynomolgus M-CSF R / CSF1R / CD115 Protein, Fc Tag
	CSR-C52E1	Cynomolgus	Cynomolgus M-CSF R / CSF1R / CD115 Protein, His Tag
	CSR-C82H3	Canine	Canine M-CSF R / CSF1R / CD115 Protein, His Tag
G-CSF R	GCR-H5250	Human	Human G-CSF R / CD114 Protein, Fc Tag
	GCR-H5223	Human	Human G-CSF R / CD114 Protein, His Tag
	GCR-H82E4	Human	Biotinylated Human G-CSF R / CD114 Protein, Avitag™,His Tag (MALS verified)
GM-CSF R alpha	GRA-H5255	Human	Human GM-CSF R alpha Protein, Fc Tag
	GRA-H52H7	Human	Human GM-CSF R alpha Protein, His Tag (SPR verified)

▶ IFN および受容体

分子	カタログ番号	種	製品説明
IFN-alpha 1	IFA-H52H9	Human	Human IFN-alpha 1 Protein, His Tag
	IFA-H5258	Human	Human IFN-alpha 1 Protein, Fc Tag (MALS verified)
	IFA-M52H3	Mouse	Mouse IFN-alpha 1 Protein, His Tag
IFN-alpha 2b	IFB-H5253	Human	Human IFN-alpha 2b (K46R) Protein, Fc Tag (MALS verified)
	IFG-H4211	Human	Human IFN-gamma / IFNG Protein, premium grade
	IFN-BM411	Human	Biotinylated Monoclonal Anti-IFN γ antibody, Human IgG1 (13E6H4)
	IFN-M412	Human	Monoclonal Anti-IFN γ antibody, Human IgG1 (8C5F8)
	IFN-M414	Human	Monoclonal Anti-IFN γ antibody, Human IgG1 (13E6H6)
	IFN-M411	Human	Monoclonal Anti-IFN γ antibody, Human IgG1 (13E6H4)
	IFN-BS138	Mouse	Biotinylated Monoclonal Anti-IFN γ antibody, Mouse IgG1 (13E6H6) (MALS verified)
	IFN-S120	Mouse	Monoclonal Anti-IFN γ antibody, Mouse IgG2a (8C5F8) (SPR verified)
	IFN-S138	Mouse	Monoclonal Anti-IFN γ antibody, Mouse IgG1 (13E6H4)
IFN-alpha/beta R1	IF1-H5253	Human	Human IFN-alpha / beta R1 Protein, Fc Tag
	IF1-H5225	Human	Human IFN-alpha / beta R1 Protein, His Tag (MALS verified)
	IF1-M5225	Mouse	Mouse IFN-alpha / beta R1 Protein, His Tag
IFN-alpha/beta R2	IF2-H5224	Human	Human IFN-alpha/beta R2 Protein, His Tag (MALS verified)
	IF2-H5255	Human	Human IFN-alpha / beta R2 Protein, Fc Tag
	IF2-M5225	Mouse	Mouse IFN-alpha / beta R2 Protein, His Tag
	IFA-R52H1	Rat	Rat IFN-alpha/beta R2 Protein, His Tag
IFN-gamma R1	IF1-H5223	Human	Human IFN-gamma R1 / IFNGR1 Protein, His Tag
	IF1-H5254	Human	Human IFN-gamma R1 / IFNGR1 Protein, Fc Tag

▶ 補体成分

分子	カタログ番号	種	製品説明
Complement C2	CO2-H52H7	Human	Human Complement C2 Protein, His Tag (MALS verified) (active enzyme)
	CO2-C52H8	Cynomolgus	Cynomolgus Complement C2 Protein, His Tag
Complement C3	CO3-H82E8	Human	Biotinylated Human Complement C3 Protein, His,Avitag™ (MALS verified)
	CO3-H52H3	Human	Human Complement C3 Protein, His Tag (MALS verified)
	CO3-M52H4	Mouse	Mouse Complement C3 Protein, His Tag (MALS verified)
	CO3-C52H5	Cynomolgus	Cynomolgus Complement C3 Protein, His Tag (MALS verified)
Complement C5	CO5-H52Ha	Human	Human Complement C5 Protein, His Tag
	CO5-H82E9	Human	Biotinylated Human Complement C5 Protein, His,Avitag™
	CO5-H52H7	Human	Human Complement C5 (w917s) Protein, His Tag
	CO5-H52Hx	Human	Human Complement C5 (R885H) Protein, His Tag
	CO5-M52H4	Mouse	Mouse Complement C5 Protein, His Tag
	CO5-R52H5	Rat	Rat Complement C5 Protein, His Tag
	CO5-C52Hx	Cynomolgus	Cynomolgus Complement C5 Protein, His Tag
	CO5-R52H4	Rabbit	Rabbit Complement C5 Protein, His Tag

分子	カタログ番号	種	製品説明
Complement C5a	C5A-H5116	Human	Human Complement C5a Protein, Tag Free
	C5A-H525a	Human	Human Complement C5a Protein, Fc Tag (MALS verified)
	C5A-H51H9	Human	Human Complement C5a Protein, His Tag
	C5A-M51H4	Mouse	Mouse Complement C5a Protein, His Tag
	C5A-C51H9	Cynomolgus	Cynomolgus Complement C5a Protein, His Tag
	C5A-C5118	Cynomolgus	Cynomolgus Complement C5a Protein, Tag Free
Complement Factor D	CFD-H52H8	Human	Human Complement Factor D / CFD Protein, His Tag (active enzyme)
	CFD-H5256	Human	Human Complement Factor D / CFD Protein, Fc Tag
	CFD-R5255	Rhesus macaque	Rhesus macaque Complement Factor D / CFD Protein, Fc Tag
	CFD-R52H3	Rhesus macaque / Cynomolgus	Rhesus macaque / Cynomolgus Complement Factor D / CFD Protein, His Tag (active enzyme)

▶ その他のサイトカイン

分子	カタログ番号	種	製品説明
Activin A	ACA-H424x	Human	Human Latent Activin A / INHBA Protein, His Tag
Activin RIIA	ACA-H5269	Human	Human Activin RIIA / ACVR2A Protein, Fc Tag
LIF	LIF-H82E2	Human	Biotinylated Human LIF Protein, His,Avitag™
	LIF-H52H3	Human	Human LIF Protein, His Tag (MALS verified)
	LIF-M5227	Mouse	Mouse LIF Protein, His Tag (MALS verified)
	LIF-R52H3	Rat	Rat LIF Protein, His Tag (MALS verified)
LIF R	LIR-H4252	Human	Human LIF R / CD118 Protein, Fc Tag
GDNF	GDF-H5219	Human	Human GDNF / ATF / hGDNF Protein, Tag Free
AIMP1	EM2-H5142	Human	Human AIMP1 / EMAP2 / SCYE1 Protein, His Tag
C1q R1	C11-H5228	Human	Human C1q R1 / CD93 Protein, His Tag (MALS verified)
	C11-H82E9	Human	Biotinylated Human C1q R1 / CD93 Protein, His,Avitag™
CG alpha	CGA-H52H2	Human	Human CG alpha / CGA Protein, His Tag
Coagulationfactor XI	FXI-H52H5	Human	Human Coagulation factor XI / FXI Protein, His Tag (active enzyme)
ELAPOR1	EL1-H52H3	Human	Human ELAPOR1 Protein, His Tag
	EL1-H82E9	Human	Biotinylated Human ELAPOR1 Protein, His,Avitag™
	EL1-M52H1	Mouse	Mouse ELAPOR1 Protein, His Tag
Glutaredoxin 1	GLX-H5149	Human	Human Glutaredoxin 1 / GLRX1 Protein, His Tag
Gremlin	GR1-H5254	Human	Human Gremlin / GREM1 Protein, Fc Tag
	GR1-H52H3	Human	Human Gremlin / GREM1 Protein, His Tag
Growth Hormone R	GHR-H8222	Human	Biotinylated Human Growth Hormone R (GHR) Protein, His Tag, ultra sensitivity (primary amine labeling)
	GHR-H5222	Human	Human Growth Hormone R (GHR) Protein, His Tag
	GHR-H5257	Human	Human Growth Hormone R (GHR) Protein, Fc Tag
	GHR-C52H1	Cynomolgus	Cynomolgus Growth Hormone R (GHR) Protein, His Tag
	GHR-R52H8	Rat	Rat Growth Hormone R (GHR) Protein, His Tag
	GHR-R52H9	Rabbit	Rabbit Growth Hormone R (GHR) Protein, His Tag
	GHR-C5253	Rhesus macaque	Rhesus macaque Growth Hormone R (GHR) Protein, Fc Tag

分子	カタログ番号	種	製品説明
Iba1	IB1-H51H9	Human	Human Iba1 / AIF-1 Protein, His Tag
Lipocalin-2	LC2-H5222	Human	Human Lipocalin-2 / NGAL Protein, His Tag
	LC2-C5223	Cynomolgus	Cynomolgus Lipocalin-2 / NGAL Protein, His Tag
MBL	MBL-H5220	Human	Human MBL Protein, His Tag
Midkine	MIE-M82Q8	Mouse	Biotinylated Mouse Midkine / Mdk Protein, His,Avitag™
MIF	MIF-H82E7	Human	Biotinylated Human MIF Protein, His,Avitag™
MIS RII	MII-H5258	Human	Human MIS RII Protein, Fc Tag
	MII-H52H6	Human	Human MIS RII Protein, His Tag
	MII-M52H6	Mouse	Mouse MIS RII Protein, His Tag
	MII-C52H5	Cynomolgus	Cynomolgus MIS RII Protein, His Tag
Oncostatin M	OSM-H82Q8	Human	Biotinylated Human Oncostatin M (OSM) Protein, Avitag™,His Tag
OSMR	OSR-H52H9	Human	Human OSMR beta Protein, His Tag
	OSR-C52H9	Cynomolgus	Cynomolgus OSMR beta Protein, His Tag
Osteoactivin	GPB-H5229	Human	Human Osteoactivin / GPNMB Protein, His Tag
Osteopontin	OPN-H5227	Human	Human Osteopontin (OPN) Protein, His Tag
	OPN-H82E8	Human	Biotinylated Human Osteopontin (OPN) Protein, His,Avitag™
	OPN-M82E8	Mouse	Biotinylated Mouse Osteopontin (OPN) Protein, His,Avitag™ (MALS verified)
Prolactin	PRN-H5257	Human	Human Prolactin / PRL Protein, Mouse IgG2a Fc Tag, low endotoxin
	PRN-H82F7	Human	Biotinylated Human Prolactin / PRL Protein, Fc,Avitag™
Prolactin R	PRP-H5251	Human	Human Prolactin R / PRLR Protein, Fc Tag
	PRR-H52Ha	Human	Human Prolactin R / PRLR Protein, His Tag
Properdin	PRN-H52H3	Human	Human Properdin Protein, His Tag
	PRN-M52H5	Mouse	Mouse Properdin Protein, His Tag
	PRN-R52H6	Rhesus macaque	Rhesus macaque Properdin Protein, His Tag
PTX3	PT3-M52H6	Mouse	Mouse PTX3 / TSG-14 Protein, His Tag
SCF	SCF-H82E1	Human	Biotinylated Human SCF / KITLG Protein, Avitag™,His Tag
	SCF-M5228	Mouse	Mouse SCF / KITLG Protein, His Tag
SDF-1	SD1-H5143	Human	Human SDF-1 / CXCL12 Protein, His Tag
SIGIRR	SIR-H5255	Human	Human SIGIRR Protein, Fc Tag (MALS verified)
Sonic Hedgehog	SH7-H5229	Human	Human Sonic Hedgehog / Shh Protein, His Tag
TSH alpha/beta Heterodimer	TSR-H52W8	Human	Human TSH alpha/beta Heterodimer Protein, His Tag
Flt-3 Ligand	FLL-H5223	Human	Human Flt-3 Ligand Protein, His Tag
	FLL-H55H7	Human	Human Flt-3 Ligand Protein, His Tag
	FLL-H82E6	Human	Biotinylated Human Flt-3 Ligand Protein, His,Avitag™ (MALS verified)
	FLL-M52H4	Mouse	Mouse Flt-3 Ligand Protein, His Tag
Follistatin-like 1	FS1-H5227	Human	Human Follistatin-like 1 / FSTL1 Protein, His Tag

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IL-4R TGF-beta IL-6
Fc Receptor VEGF165
Biotinylated Protein
Complement C5 Complement C3
FGL1 IL-4R IL-23 VEGF
IL-15
VEGF R
IL-3 R alpha
IL-4 GDF-15 TFPI
IL-2R ベータおよび IL-2R アルファおよび
IL-2 FcRngp130
IL-2 R alpha
IL-2R beta VEGF165
IL-23A&IL-12B IL-15
IGF-I R TGF-beta TGF
IgG1 Fc Complement C3 LIF
VEGF165 IL-1 IL-2R VEGF165
ADA Service IL-2
SPR /BLI analytical service
GDF-15 FGF R2 EGF RA
IL-1 IL-2 TNF-alpha CD69
Activin A CD20
TGF-beta1 CSF EGFR
IGF-I R TNF-alpha