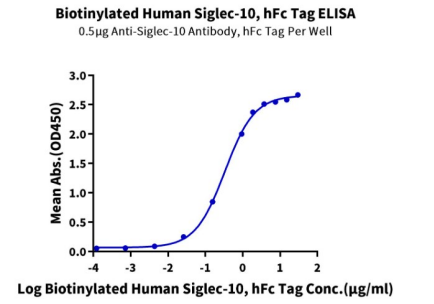
Bioactive HuPro®

SIGLEC10 (Human) Recombinant Protein (Biotin)

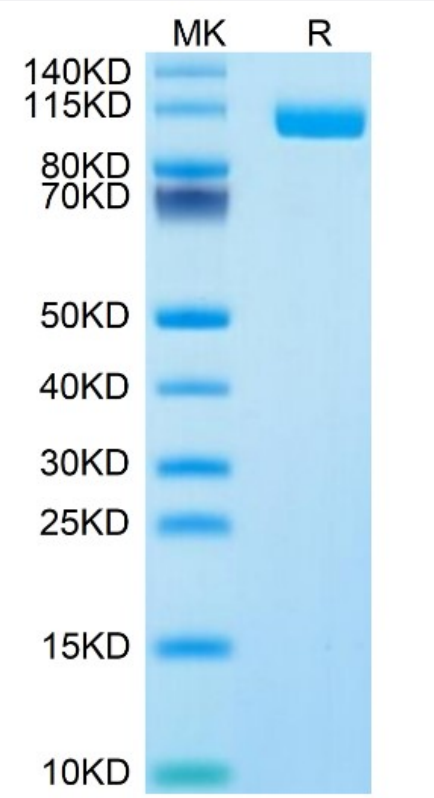
Catalog # P10490 Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

Immobilized Anti-Siglec-10 Antibody, hFc Tag at 5 ug/mL (100 uL/well) on the plate. Dose response curve for Biotinylated Human Siglec-10, hFc Tag with the EC_{50} of 0.33 ug/mL determined by ELISA.



Tris-Bis PAGE

Biotinylated Human SIGLEC10 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

Specification

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Product Description	Human SIGLEC10 (Q96LC7-1, Met17-Thr546) partial recombinant protein with hFc-Avi tag at the C-Terminus expressed in HEK293 cells.
Sequence	Met17-Thr546
Host	Human
Theoretical MW (kDa)	85.8
Reactivity	Human
Form	Lyophilized
Conjugation	Biotin
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 95% by Tris-Bis PAGE
Endotoxin Level	< 0.1 EU per 1 ug as determined by the LAL method.
Activity	The EC_{50} was 0.33 ug/mL, measured by ELISA at 5 ug/mL.
Recommend Usage	Biological Activity ELISA Tris-Bis PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 0.22 um filtered solution in PBS, 500 mM L-Arginine , pH 7.4. (8% trehalose).
Storage Instruction	Store at -20°C for 12 months. After reconstitution, store at 4°C for 2-7 days, or store at -80°C for 3-6 months. Aliquot to avoid repeated freezing and thawing.
Note	Please use within one month after protein reconstitution.

Applications

- Functional Study

- Enzyme-linked Immunoabsorbent Assay

  Immobilized Anti-Siglec-10 Antibody, hFc Tag at 5 ug/mL (100 uL/well) on the plate. Dose response curve for Biotinylated Human Siglec-10, hFc Tag with the EC_{50} of 0.33 ug/mL determined by ELISA.

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Gene Info — SIGLEC10

Entrez GeneID	89790
Protein Accession#	Q96LC7-1
Gene Name	SIGLEC10
Gene Alias	MGC126774, PRO940, SIGLEC-10, SLG2
Gene Description	sialic acid binding Ig-like lectin 10
Omim ID	606091
Gene Ontology	Hyperlink
Gene Summary	SIGLECs are members of the immunoglobulin superfamily that are expressed on the cell surface. Most SIGLECs have 1 or more cytoplasmic immune receptor tyrosine-based inhibitory motifs, or I TIMs. SIGLECs are typically expressed on cells of the innate immune system, with the exception o f the B-cell expressed SIGLEC6 (MIM 604405).[supplied by OMIM
Other Designations	sialic acid binding Ig-like lectin 10 Ig-like lectin 7|siglec-like gene 2

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