Recombinant Human sialic acid binding Ig like lectin 10 Protein, Fc&Avi tagged, Biotinylated

Cat. No. SIGLEC10-21H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DNA sequence encoding Human Siglec-10 (Met17-Thr546) including a C-hFc-Avi tag was expressed in HEK293 cells. The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology.
Species	Human
Source	HEK293
ProteinLength	17-546aa
Description	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 ITIMs. SIGLECs are typically expressed on cells of the innate immune system, with the exception of the B-cell expressed SIGLEC6.
Tag	C-Fc&Avi
Conjugation/Label	Biotin
Molecular Mass	85.8 kDa
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/μg (1 EU/μg).

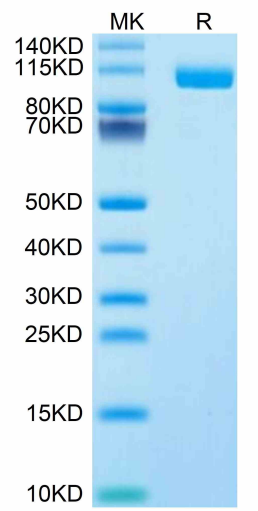
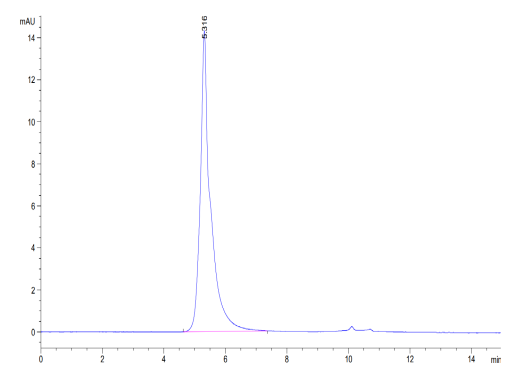
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 95% as determined by SDS-PAGE and HPLC
Notes	This product is for research purposes only. It may not be used for therapeutics or diagnostic purposes.
Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 centigrade.
Storage Buffer	Recombinant Human Siglec-10 was lyophilized from 0.2 μm filtered PBS solution pH7.4
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Conjugation	Biotin

GENE INFORMATION

Gene Name	SIGLEC10 sialic acid binding Ig like lectin 10 [Homo sapiens (human)]
Official Symbol	SIGLEC10
Synonyms	SIGLEC10; sialic acid binding Ig-like lectin 10; sialic acid-binding Ig-like lectin 10; MGC126774; PRO940; sialic acid binding Ig like lectin 10 Ig like lectin 7; SIGLEC 10; siglec like gene 2; SLG2; siglec-like gene 2; siglec-like protein 2; sialic acid binding Ig-like lectin 10 Ig-like lectin 7; SIGLEC-10;
Gene ID	89790
mRNA Refseq	NM_001171156
Protein Refseq	NP_001164627

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MIM	606091
UniProt ID	Q96LC7
Biotinylated Human Siglec-10 Protein Tris-Bis PAGE	 Biotinylated Human Siglec-10 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.
Biotinylated Human Siglec-10 Protein SEC-HPLC	 The purity of Biotinylated Human Siglec-10 is greater than 95% as determined by

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	SEC-HPLC.
Biotinylated Human Siglec-10 Protein ELISA Data	Immobilized Anti-Siglec-10 Antibody, hFc Tag at 1μg/mL (100 μL/well) on the plate. Dose response curve for Biotinylated Human Siglec-10, hFc Tag with the EC50 of 25 ng/mL determined by ELISA.

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