

Active Recombinant Human SIGLEC7 protein, His-tagged

Cat. No. SIGLEC7-286H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SIGLEC7 protein(Gln 19 - Leu 353), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gln 19 - Leu 353
Form	Lyophilized from 0.22 µm filtered solution in 25 mM MES, 150 mM NaCl, pH5.5, 10% trehalose.
Bio-activity	Immobilized Human Sigelc-7, His Tag at 5 µg/mL (100 µL/well) can bind Neu5Aca2-6GalNAca-PAA-biotin with a linear range of 6-100 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 38.8 kDa. The protein migrates as 55-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at:

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-20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [SIGLEC7 sialic acid binding Ig-like lectin 7 \[Homo sapiens \]](#)

Official Symbol [SIGLEC7](#)

Synonyms

SIGLEC7; sialic acid binding Ig-like lectin 7; sialic acid-binding Ig-like lectin 7; CD328; p75/AIRM1; QA79; SIGLEC 7; AIRM-1; QA79 membrane protein; sialic acid binding immunoglobulin-like lectin 7; adhesion inhibitory receptor molecule 1, siglec-7; p75; AIRM1; CDw328; D-siglec; SIGLEC-7;

Gene ID [27036](#)

mRNA Refseq [NM_014385](#)

Protein Refseq [NP_055200](#)

MIM [604410](#)

UniProt ID [Q9Y286](#)

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