

Recombinant Human SIGLEC6 Protein, Fc-His-tagged

Cat. No. SIGLEC6-55H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SIGLEC6 protein, fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
Description	SIGLEC6, also known as sialic acid-binding Ig-like lectin 6 isoform 1, is one of immunoglobulin superfamily and SIGLEC (sialic acid binding Ig-like lectin) family. It mediates sialic-acid dependent binding to cells and binds to alpha-2, 6-linked sialic acid. This protein localizes in various compartments such as membrane fraction, extracellular region and so on.
Form	Liquid
Molecular Mass	70-100KDa (SDS-PAGE under reducing conditions.)
AA sequence	ADLQERRFQL EGPESLTVQE GLCVLVPCRL PTTLPASYYG YGYWFLEGAD VPVATNDPDE EVQEETRGRF HLLWDPRRKN CSLSIRDARR RDNAAYFFRL KSKWMKYGYT SSKLSVRVMA LTHRPNISIP GTLESGHPSN LTCSPVWVCE QGTPIFSWM SAAPTSLGPR TTQSSVLIT PRPQDHSTNL TCQVTFPGAG VTMERTIQLN VSYAPQKVAI SIFQGNSAAF KILQNTSSLP VLEGQALRLL CDADGNPPAH LSWFQGFPAL NATPISNTGV LELPQVGSAE EGDFTCRAQH PLGSLQISLS LFVHWKPEGR AGGVLEPKSC DKTHTCPPCP APELLGGPSV

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FLFPPKPKDT
 LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK PREEQYNSTY
 RVVSVLTVLH QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYT
 LPPSRDELTK NQVSLTCLVK GFYPSDIAVE WESNGQPENN YKTTTPVLDS
 DGSFFLYSKL TVDKSRWQQG NVFSCSVME ALHNHYTQKS LSLSPGKHHH HHH

Endotoxin < 1.0 EU per 1µg of protein (determined by LAL method)

Purity > 90% by SDS - PAGE

Storage Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.

Concentration 0.5mg/ml

Storage buffer In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

GENE INFORMATION

Gene Name SIGLEC6 sialic acid binding Ig-like lectin 6 [Homo sapiens]

Official Symbol SIGLEC6

Synonyms SIGLEC6; sialic acid binding Ig-like lectin 6; CD33L, CD33L1; sialic acid-binding Ig-like lectin 6; CD327; OB BP1; SIGLEC 6; CD33 antigen-like 1; obesity-binding protein 1; CD33L; OBBP1; CD33L1; CD33L2; CDW327;

Gene ID 946

mRNA Refseq NM_001177547

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Protein Refseq	NP_001171018
MIM	604405
UniProt ID	O43699

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