

Recombinant Human SIGLEC6 Protein, Fc-tagged

Cat. No. SIGLEC6-446H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SIGLEC6 protein with Fc tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	453
Description	This gene encodes a member of the SIGLEC (sialic acid binding immunoglobulin-like lectin) family of proteins. The encoded transmembrane receptor binds sialyl-TN glycans and leptin. Placental expression of the encoded protein is upregulated in preeclampsia.
Form	Lyophilized
Molecular Mass	60.3 kDa
AA Sequence	MQGAQEASASEMLPLLLPLLWAGALAQERRFQLEGPESLTVQEGLCVLVPCRLPTT LPASYYGYYWFLEGADVPVATNDPDEEVQEETRGRFHLLWDPRRKNCSLSDA RRRDNAAYFFRLKSKWMKYGYTSSKLSVRVMALTHRPNISIPGTLESGHPSNLTCVS PWVCEQGTPIFSWMSAAPTSLGPRTTQSSVLTITPRPQDHSTNLTCQVTFPGAGV TMERTIQLNVSYAPQKVAISIFQGNAAFKILQNTSSLPVLEGQALRLLCDADGNPPA HLSWFQGFALNATPISNTGVLELPQVGSAEEGDFTCRAQHPLGSLQISLSLFVHWK PEGRAGGVLGAVWGASITTLVFLCVCFIFRVKTRRKAAQPVQNTDDVNPVMVSGS RGHQHQFQTGIVSDHPAEAGPISEDEQELHYAVLHFHKVQPQEPKVTDTHEYSEIKIH

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Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	SIGLEC6 sialic acid binding Ig-like lectin 6 [Homo sapiens (human)]
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;

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Gene ID	946
mRNA Refseq	NM_001177547
Protein Refseq	NP_001171018
MIM	604405
UniProt ID	O43699

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