

## Recombinant Human SIGLEC6 Protein, Fc-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human SIGLEC6 protein with Fc tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	453
<b>Description</b>	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.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	60.3 kDa
<b>AA Sequence</b>	<p>MQGAQEASASEMLPLLLPLLWAGALAQERRFQLEGPESLTVQEGLCVLVPCRLPTT  LPASYYGYYWFLEGADVPVATNDPDEEVQEETRGRFHLLWDP RRKNCSLSIRDA  RRRDNAAYFFRLKSKWMKYGYTSSKLSVRVMALTHRPNISIPGTLESGHPSNLTCVS  PWVCEQGTPIFSWMSAAPTSLGPRTTQSSVLTITPRPQDHSTNLTCQVTFPGAGV  TMERTIQLNVSYPQKVAISIFQGN SAAFKILQNTSSLPVLEGQALRLLCDADGNPPA  HLSWFQGFALNATPISNTGVLELPQVGSAAEEDFTCRAQHPLGSLQISLSLVHVK  PEGRAGGVLGAVWGASITTLVFLCVCFIFRVKTRRKKAAQPQNTDDVNPVMVSGS  RGHQHQFQTGIVSDHPAEAGPISEDEQELHYAVLHFHKVQPQEPKVTDT EYSEIKIH</p>

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<b>Purity</b>	> 98%
<b>Applications</b>	WB; ELISA; FACS; FC
<b>Stability</b>	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.
<b>Storage</b>	At -20 centigrade.
<b>Concentration</b>	1 mg/mL
<b>Storage Buffer</b>	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
<b>Reconstitution</b>	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.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	SIGLEC6 sialic acid binding Ig-like lectin 6 [ Homo sapiens (human) ]
<b>Official Symbol</b>	SIGLEC6
<b>Synonyms</b>	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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