

## Recombinant Human SIGLEC6, His-tagged

**Cat. No.** SIGLEC6-59H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human Sialic Acid-Binding Ig-Like Lectin 6/SIGLEC6 produced by transfected human cells is a secreted protein with sequence (Gln27-Val347) of Human siglec-6/CD327 fused with a polyhistidine tag at the C-terminus.                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 27-347 a.a.                                                                                                                                                                                                                                                                                                                                    |
| <b>Form</b>             | Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | QERRFQLEGPESLTVQEGLCVLPCLRPTTLPASYYGYGYWFLEGADVVPVATNDPD<br>EEVQEETRG RFHLLWDPRRKNCSLSIRDARRRDNAAYFFRLKSKWMKYGYTSSKL<br>SVRVMALTHRPNISIPGTL ESGHPSNLTCSPWVCEQGTPIFSWMSAAPTSLGPR<br>TTQSSVLITIPRPQDHSTNLTCQVTFFPG AGVTMERTIQLNVSSFILQNTSSLPVLEG<br>QALRLLCDADGNPPAHLSEWFQGFALNATPISNTG VLELPQVGSAAEGDFTCRAQ<br>HPLGSLQISLSLFVHWKPEGRAGGVDHHHHHH |
| <b>Endotoxin</b>        | Less than 0.1 ng/µg (1 IEU/µg).                                                                                                                                                                                                                                                                                                                |
| <b>Purity</b>           | Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.                                                                                                                                                                                                                                                                              |
| <b>Storage</b>          | Lyophilized protein should be stored at Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at                                                                                                                                                                                    |

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**Reconstitution**

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**GENE INFORMATION**

|                            |                                                                                                                                                                                                                    |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | SIGLEC6 sialic acid binding Ig-like lectin 6 [ Homo sapiens ]                                                                                                                                                      |
| <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; |
| <b>Gene ID</b>             | 946                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>         | NM_001177547                                                                                                                                                                                                       |
| <b>Protein Refseq</b>      | NP_001171018                                                                                                                                                                                                       |
| <b>MIM</b>                 | 604405                                                                                                                                                                                                             |
| <b>UniProt ID</b>          | O43699                                                                                                                                                                                                             |
| <b>Chromosome Location</b> | 19q13.3                                                                                                                                                                                                            |
| <b>Function</b>            | sugar binding;                                                                                                                                                                                                     |

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