

## 32-13422: SIGLEC6 Human

**Alternative Name :** Sialic Acid Binding Ig Like Lectin 6, Obesity-Binding Protein 1, CD33 Antigen-Like 1, CDW327, CD33L1, CD33L, OBBP1, Sialic Acid Binding Ig-Like Lectin 6, Sialic Acid-Binding Ig-Like Lectin 6, CD327 Antigen, Siglec-6, CD33L2, OB-BP1, CD327, SIGLEC6.

### Description

Source: Sf9, Baculovirus cells.

Sterile filtered colorless solution.

Sialic acid-binding Ig-like lectin 6 isoform 1 (SIGLEC6) is a member of immunoglobulin superfamily and SIGLEC (sialic acid binding Ig-like lectin) family. SIGLEC6 mediates sialic-acid dependent binding to cells and binds to alpha-2, 6-linked sialic acid. The SIGLEC6 protein localizes in numerous compartments such as membrane fraction, extracellular region and so on. The SIGLEC6 receptor binds sialyl-TN glycans and leptin. Placental expression SIGLEC6 is upregulated in preeclampsia.

SIGLEC6 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 563 amino acids (27-347a.a.) and having a molecular mass of 62.6kDa (Molecular size on SDS-PAGE will appear at approximately 70-100kDa). SIGLEC6 is expressed with a 239 amino acids hlgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 90.0% as determined by SDS-PAGE.

**Content :** SIGLEC6 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid :** ADLQERRFQL EGPESLTVQE GLCVLVPCL PTTLPASYYG YGYWFLEGAD VPVATNDPDE EVQEETRGRF HLLWDPRRKN CSLSIRDARR RDNAAYFFRL KSKWMKYGYT SSKLSVRVMA LTHRPNISIP GTLESGHPSN LTCSVPWVCE QGTPPIFSWM SAAPTSGLPR TTQSSVLITIT PRPQDHSTNL TCQVTFPGAG VTMERTIQLN VSYAPQKVAI SIFQGNAAF KILQNTSSLP VLEGQALRLL CDADGNPPAH LSWFQGFAL NATPISNTGV LELPQVGSAAE EGDFTCRAQH PLGSLQISLS LRVHVKPEGR AGGVLEPKSC DKHTHTCPPCP APELLGGPSV FLFPPKPKDT LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK PREEQYNSTY RVVSVLTVLH QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYT LPPSRDELTK NQVSLTCLVK GFYPSDIAVE WESNGQPENN YKTTTPVLDL DGSFFLYSKL TVDKSRWQQG NVFSCSVME ALHNHYTQKS LSLSPGKHHH HHH.