
Product Data Sheet

Product Name: SIGLEC6 Human
 Cat. No.: GP24582
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	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.		
Amino Acid Sequence	ADLQERRFQL EGPELTVQE GLCVLVPCRL PTTLPASYYG YGYWFLEGAD VPVATNDPDE EVQEETRGRF HLLWDPRRKN CSLSIRDARR RDNAAYFFRL KSKWMKYGYT SSKLSVRVMA LTHRPNISIP GTLESGHPSN LTCSVPWVCE QGTPPIFSWM SAAPTSLGPR TTQSSVLIT PRPQDHSTNL TCQVTFPGAG VTMERTIQLN VSYAPQKVAI SIFQNSAAF KILQNTSSLP VLEGQALRL CDADGNPPAH LSWFQGFAL NATPISNTGV LELPQVGSAAE EGDFTCRAQH PLGSLQISLS LFWHWKPEGR AGGVLEPKSC DKHTHTCPPCP APELLGGPSV FLFPPKPKDT LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK PREEQYNSTY RVVSVLTVLH QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYT LPPSRDELTK NQVSLTCLVK GFYPSDIAVE WESNGQPENN YKTTTPVLDS DGSFFLYSKL TVDKSRWQQG NVFSCSVMHE ALHNHYTQKS LSLSPGKHHH HHH.		
Formulation	SIGLEC6 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.		

Introduction

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Placental expression SIGLEC6 is upregulated in preeclampsia.

Stability

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA