

Recombinant human Siglec-6/CD327 protein

Catalog Number: ATGP3628

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

27-347aa

UniProt No.

O43699

NCBI Accession No.

NP_001236

Alternative Names

Sialic acid-binding Ig-like lectin 6 isoform 1, SIGLEC6, CD327, CD33L, CD33L1, CD33L2, CDW327, OBBP1

PRODUCT SPECIFICATION

Molecular Weight

62.6 kDa (563aa)

Concentration

0.5mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 90% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

hIgG-His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

SIGLEC6, also known as sialic acid-binding Ig-like lectin 6 isoform 1, is one of immunoglobulin superfamily and SIGLEC (sialic acid binding Ig-like lectin) family. It mediates sialic-acid dependent binding to cells and binds to alpha-2, 6-linked sialic acid. This protein localizes in various compartments such as membrane fraction, extracellular region and so on. Recombinant human SIGLEC6 protein, fused to hIgG-His-tag at C-terminus, was

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expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

<ADL>QERRFQL EGPESLTVQE GLCVLVPCL PTTLPASYYG YGYWFLEGAD VPVATNDPDE EVQEETRGRF
HLLWDPRRKN CSLSIRDARR RDNAAYFFRL KSKWMKYGYT SSKLSVRVMA LTHRPNISIP GTLESGHPSN LTCSVPWVCE
QGTPIFSWM SAAPTSLGPR TTQSSVLIT PRPQDHSTNL TCQVTFPGAG VTMERTIQLN VSYAPQKVAI SIFQGNAAAF
KILQNTSSLP VLEGQALRLL CDADGNPPAH LSWFQGFAL NATPISNTGV LELPQVGSAAE EGDFTCRAQH PLGSLQISLS
LFVHWKPEGR AGGV<LEPKSC DKTHTCPPCP APELLGGPSV FLFPPKPKDT LMISRTPEVT CVVVDVSHED PEVKFNWYVD
GVEVHNAKTK PREEQYNSTY RVVSVLTVLH QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYT LPPSRDELTK
NQVSLTCLVK GFYPSDIAVE WESNGQPENN YKTTTPVLDS DGSFFLYSKL TVDKSRWQQG NVFSCSVMHE ALHNHYTQKS
LSLSPGKHHH HHH>

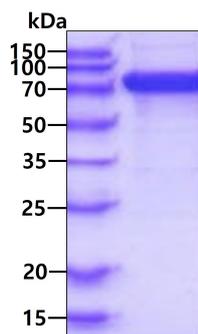
General References

Lam KK., et al, (2011) J Biol Chem. 286:37118-37127.

Rumer KK., et al, (2013) Reprod Sci. 20:646-53.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.