

# Recombinant human Siglec-6/CD327 protein

Catalog Number: ATGP3628

## PRODUCT INFORMATION

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### 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

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### 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

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### 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 GLCVLVPCRL PTTLPASYYG YGYWFLEGAD VPVATNDPDE EVQEETRGRF  
HLLWDPRRKN CSLSIRDARR RDNAAYFFRL KSKWMKYGYT SSKLSVRVMA LTHRPNISIP GTLESGHPSN LTCSVPWVCE  
QGTPIFSWM SAAPTSLGPR TTQSSVLTIT 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>

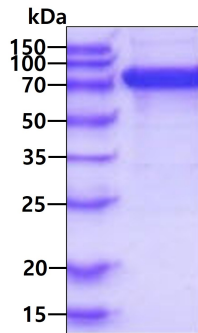
## General References

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.