

Recombinant Human SIGLEC5 protein, His & S-tagged

Cat. No. SIGLEC5-5674H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SIGLEC5 aa. (Asp147~Pro335 (Accession # O15389)) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Asp147~Pro335
Description	This gene encodes a member of the sialic acid-binding immunoglobulin-like lectin (Siglec) family. These cell surface lectins are characterized by structural motifs in the immunoglobulin (Ig)-like domains and sialic acid recognition sites in the first Ig V set domain. The encoded protein is a member of the CD33-related subset of Siglecs and inhibits the activation of several cell types including monocytes, macrophages and neutrophils. Binding of group B Streptococcus (GBS) to the encoded protein plays a role in GBS immune evasion.
Form	Freeze-dried powder
Molecular Mass	26 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 5.7.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	SIGLEC5 sialic acid binding Ig like lectin 5 [Homo sapiens (human)]
Official Symbol	SIGLEC5
Synonyms	SIGLEC5; sialic acid binding Ig like lectin 5; CD170; OBBP2; CD33L2; OB-BP2; SIGLEC-5; sialic acid-binding Ig-like lectin 5; CD33 antigen-like 2; OB-binding protein 2; obesity-binding protein 2; sialic acid-binding immunoglobulin-like lectin 5
Gene ID	8778
mRNA Refseq	NM_003830.3
Protein Refseq	NP_003821.1

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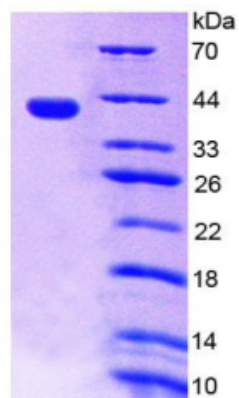
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UniProt ID

O15389

SDS-PAGE



15% SDS-PAGE

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