

Recombinant Human SIGLEC1 protein, His-tagged

Cat. No. SIGLEC1-5677H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SIGLEC1 aa. (Pro1272~Leu1411 (Accession # Q9BZZ2)) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Pro1272~Leu1411
Description	This gene encodes a member of the immunoglobulin superfamily. The encoded protein is a lectin-like adhesion molecule that binds glycoconjugate ligands on cell surfaces in a sialic acid-dependent manner. It is a type I transmembrane protein expressed only by a subpopulation of macrophages and is involved in mediating cell-cell interactions. Alternative splicing produces a transcript variant encoding an isoform that is soluble rather than membrane-bound; however, the full-length nature of this variant has not been determined.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.2kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Characteristic	The isoelectric point is 6.9.
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 lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	SIGLEC1 sialic acid binding Ig like lectin 1 [Homo sapiens (human)]
Official Symbol	SIGLEC1
Synonyms	SIGLEC1; sialic acid binding Ig like lectin 1; SN; CD169; SIGLEC-1; dJ1009E24.1; sialoadhesin; sialic acid binding Ig-like lectin 1, sialoadhesin; sialic acid-binding immunoglobulin-like lectin 1
Gene ID	6614
mRNA Refseq	NM_023068.3
Protein Refseq	NP_075556.1

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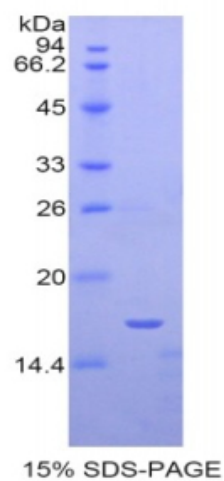
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UniProt ID

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SDS-PAGE

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