

Recombinant Human SIGLEC1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SIGLEC1-838H Lot. No. (See product label)

SPECIFICATION

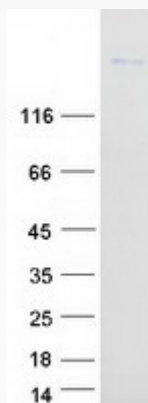
Product Overview	SIGLEC1 MS Standard C13 and N15-labeled recombinant protein (NP_075556) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the immunoglobulin superfamily. The encoded protein is a lectin-like adhesion molecule 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.
Molecular Mass	180.6 kDa
AA Sequence	MGFLPKLLLLASFFPAGQASWGVSSPQDVQGVKGSCLLIPCIFSFPADVEVPDGITAI WYYDYSGQRQVVSHSADPKLVEARFRGRTEFMGNPEHRVCNLLKDLQPEDSGSY NFRFEISEVNRWSDVKGTLVTVTEEPRVPTIASPVELLEQKLISEEDLAANDILDYKDD DDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 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

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
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, sialoadhesin; sialoadhesin, SN; sialoadhesin; CD169; dJ1009E24.1; FLJ00051; FLJ00055; FLJ00073; FLJ32150; SIGLEC 1; sialic acid-binding Ig-like lectin 1; sialic acid-binding immunoglobulin-like lectin 1; SN; SIGLEC-1; FLJ00411; DKFZp667F058;
Gene ID	6614
mRNA Refseq	NM_023068
Protein Refseq	NP_075556
MIM	600751
UniProt ID	Q9BZZ2

SDS-PAGE

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