

Recombinant Full Length Human SIGLEC9 Protein, C-Flag-tagged

Cat. No. SIGLEC9-963HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SIGLEC9 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Predicted to enable monosaccharide binding activity and sialic acid binding activity. Predicted to be involved in cell adhesion. Predicted to act upstream of or within negative regulation of inflammatory response and negative regulation of phagocytosis, engulfment. Predicted to be located in external side of plasma membrane. Predicted to be active in plasma membrane.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	49.9 kDa
AA Sequence	MLLLLLPLLWGRERAEGQTSKLLTMQSSVTVQEGLCVHVPCSFSPSHGWIYPGPV VHGYWFREGANTDQ DAPVATNNPARAVWEETRDRFHLLGDPHTENCTLSIRDARR SDAGRYFFRMEKGSIKWNYKHHRLSVNVT ALTHRPNILIPGTLESGCPQNLTCSVP WACEQGTTPPMISWIGTSVSPLDPSTTRSSVLTLIPQPQDHGTS LTCQVTFPGASVTT NKTVHLNVSYPPQNLTMTVFQGDGTSTVLGNGSSLSLPEGQSLRLVCAVDAVDSN PPARLSLSWRGLTLCPSQPSNPGVLELPWVHLRDEAEFTCRAQNPLGSQQVYLVN SLQSKATSGVTQGVV GGAGATALVFLSFCVIFVVVRSCRKKSARPAAGVGDTGIED

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ANAVRGSASQGGLTEPWAEDSPPDQPPPA
 SARSSVGEGELQYASLSFQMVKPWDSRGQEATDTEYSEIKIHRTRTRPLEQKLISEE
 DLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	SIGLEC9 sialic acid binding Ig like lectin 9 [Homo sapiens (human)]
Official Symbol	SIGLEC9
Synonyms	CD329; CDw329; FOAP-9; siglec-9; OBBP-LIKE
Gene ID	27180
mRNA Refseq	NM_014441.3

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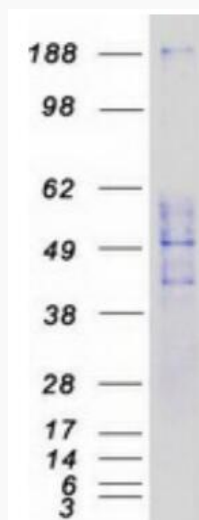
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Protein Refseq NP_055256.1

MIM 605640

UniProt ID Q9Y336



Coomassie blue staining of purified SIGLEC9 protein.

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