

Active Recombinant Human SIGLEC9 protein, Fc-tagged

Cat. No. SIGLEC9-0734H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SIGLEC9 protein(Gln18-Gly348), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	18-348 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human Siglec-9, Fc Tag at 10 µg/mL (100 µL/well) on Diamond Protein A Protein, His Tag precoated (0.5 µg/well) plate, can bind Neu5Ac(a2-6)GalNAc-PAA-biotin with a linear range of 0.156-2.5 µg/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 62.5 kDa. The protein migrates as 80-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Gln18-Gly348
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GENE INFORMATION	
Gene Name	SIGLEC9 sialic acid binding Ig-like lectin 9 [Homo sapiens]
Official Symbol	SIGLEC9
Synonyms	SIGLEC9; sialic acid binding Ig-like lectin 9; sialic acid-binding Ig-like lectin 9; CD329; protein FOAP-9; CDw329; FOAP-9; siglec-9; OBBP-LIKE;
Gene ID	27180
mRNA Refseq	NM_001198558
Protein Refseq	NP_001185487
MIM	605640
UniProt ID	Q9Y336

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