

## Active Recombinant Human SIGLEC9 protein, His-tagged

Cat. No. SIGLEC9-0735H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SIGLEC9 protein(Gln18-Gly348), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	18-348 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in 25 mM MES, 150 mM NaCl, pH5.5. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Human Siglec-9, His Tag at 10 µg/mL (100 µL/well) on Nickel Coated plate, can bind Neu5Ac(a2-6)GalNAc-PAA-biotin with a linear range of 0.078-2.5 µg/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 37.9 kDa. The protein migrates as 53-66 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Gln18-Gly348
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.

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**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple 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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