

Active Recombinant Human SIGLEC9 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human SIGLEC9 protein(Gln18-Gly348), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	18-348 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 25 mM MES, 150 mM NaCl, pH5.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	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.
Molecular Mass	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.
Proteinlength	Gln18-Gly348
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% 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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