

Human Siglec-9 Protein

HA210135



Product name:	Human Siglec-9 Protein
Species reactivity:	Human
Protein construction description:	Recombinant Human Siglec-9 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Gln18-Gly348.[Accession Q9Y336]
Background:	Siglec-9 is a sialic-acid-binding lectin expressed predominantly on myeloid cells. Aberrant glycosylation occurs in essentially all types of cancers and results in increased sialylation. Thus, when the mucin MUC1 is expressed on cancer cells, it is decorated by multiple short, sialylated O-linked glycans (MUC1-ST).
Purity:	> 95% as determined by Tris-Bis PAGE
Endotoxin:	Less than 1EU per µg by the LAL method.
Source:	HEK293
Accession:	Q9Y336
Predicted molecular mass:	The protein has a predicted MW of 62.8 kDa. Due to glycosylation, the protein migrates to 80-110 kDa based on Tris-Bis PAGE result.
Formulation:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage:	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3-6 months after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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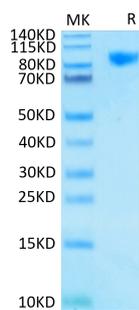


Fig1: Human Siglec-9 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".
