Datasheet for ABIN7275594

SIGLEC9 Protein (AA 18-348) (Fc Tag)

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Overview

Quantity:	100 µg
Target:	SIGLEC9
Protein Characteristics:	AA 18-348
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SIGLEC9 protein is labelled with Fc Tag.

Product Details

Purpose:	Human Siglec-9 Protein
Sequence:	Gln18-Gly348
Characteristics:	Recombinant Human Siglec-9 Protein is expressed from HEK293 with hFc tag at the C-Terminus.It contains Gln18-Gly348.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	SIGLEC9
Alternative Name:	Siglec-9 (SIGLEC9 Products)

Target Details

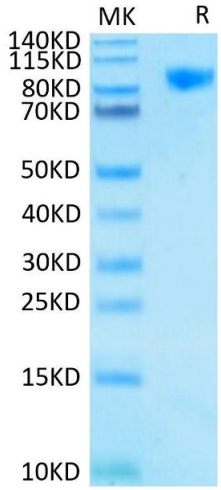
Background:	Siglec-9 is a sialic-acid-binding lectin expressed predominantly on myeloid cells. Aberrant glycosylation occurs in essentially all types of cancers and results in increased sialylation. Thus, when the mucin MUC1 is expressed on cancer cells, it is decorated by multiple short, sialylated O-linked glycans (MUC1-ST).
Molecular Weight:	62.8 kDa. Due to glycosylation, the protein migrates to 80-110 kDa based on Tris-Bis PAGE result.
UniProt:	Q9Y336

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-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.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human Siglec-9 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

