Datasheet for ABIN6952291

SIGLEC9 Protein (AA 20-350) (His tag)

2 Images

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Overview

Quantity:	100 µg
Target:	SIGLEC9
Protein Characteristics:	AA 20-350
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This SIGLEC9 protein is labelled with His tag.

Product Details

Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	SIGLEC9
Alternative Name:	Siglec-9 (SIGLEC9 Products)
Background:	Siglec-9 (HGMW-approved symbol SIGLEC9) a member of the sialic acid-binding Ig-like lectin (Siglec) family, which belongs to the immunoglobulin superfamily (IgSF). SIGLEC9 shows a high degree of homology to many members of the siglec family, including siglec-7 (80 %), siglec-8 (72 %), siglec-5 (65 %), and CD33 (64 %). This high degree of homology is also conserved in the extracellular Ig-like domains. They are characterized by an N-terminal Ig-like V-type domain

Target Details

	which mediates sialic acid binding, followed by varying numbers of Ig-like C2-type domains.Siglec-9 with a hydrophobic signal peptide, an N-terminal Ig-likeV-type domain, two Ig-like C2-type domains, a transmembrane region and a cytoplasmic tail.
Molecular Weight:	38.0 kDa
NCBI Accession:	XP_005590140

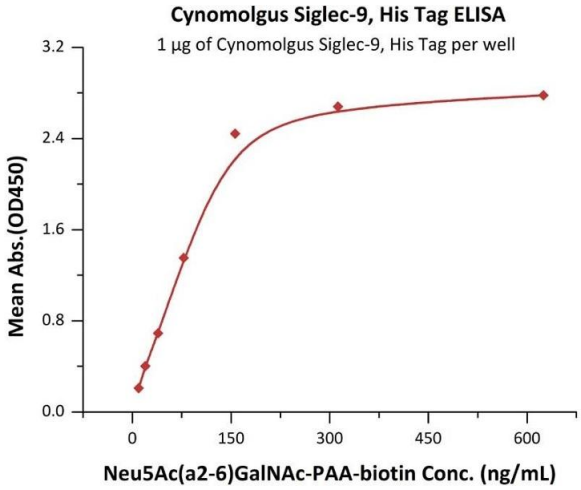
Application Details

Restrictions:	For Research Use only

Handling

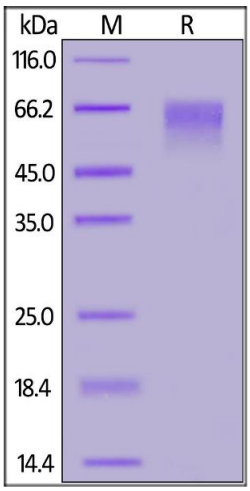
Format:	Lyophilized
Buffer:	25 mM MES, 150 mM NaCl, pH 5.5
Storage:	-20 °C

Images



ELISA

Image 1. Immobilized Cynomolgus Siglec-9, His Tag (ABIN6951000,ABIN6952291) at 10 µg/mL (100 µL/well) on Nickel Coated plate, can bind Neu5Ac(a2-6)GalNAc-n with a linear range of 10-156 ng/mL (QC tested).



SDS-PAGE

Image 2. Cynomolgus Siglec-9, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .

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