Datasheet for ABIN7013595

SIGLEC7 Protein (AA 19-353) (His tag)

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2 Images

Overview

Quantity:	100 µg
Target:	SIGLEC7
Protein Characteristics:	AA 19-353
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This SIGLEC7 protein is labelled with His tag.

Product Details

Sequence:	AA 19-353
Characteristics:	Biotinylated Human SIRP alphaV2 / CD172a Protein, His,Avitag™
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	SIGLEC7
Alternative Name:	Siglec-7 (SIGLEC7 Products)
Background:	Siglec-7 is a member of the human CD33-related Siglec receptor. The extracellular region of Siglec-7 is characterized by an N-terminal V-set Ig domain that can bind sialic acid and two C2-

Target Details

	set Ig domains. The cytoplasmic tail of Siglec-7 has one immune-receptor tyrosine-based inhibitory motif (ITIM) and one ITIM-like motif. Siglec-7 is considered as a sialic acid-dependent immunoreceptor with inhibitory potential and expressed predominantly on human NK cells, monocytes and a small subset of CD8+ T cells.
Molecular Weight:	38.8 kDa
NCBI Accession:	NP_055200

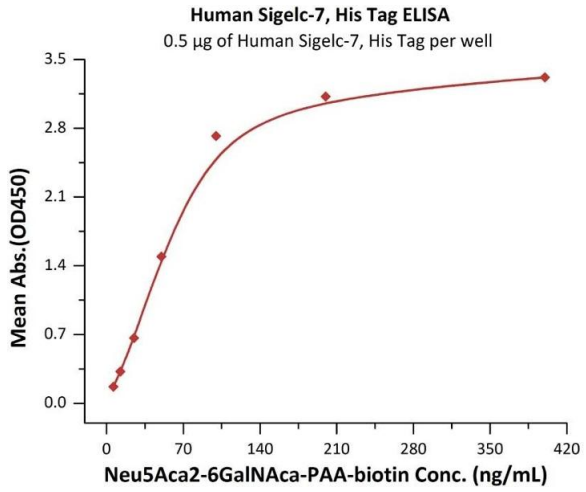
Application Details

Application Notes:	MALS verified
Restrictions:	For Research Use only

Handling

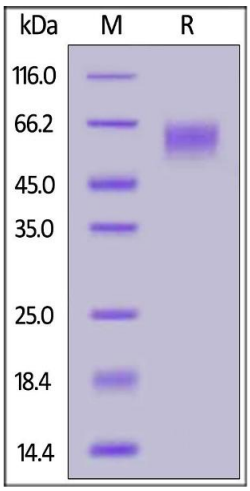
Format:	Lyophilized
Buffer:	25 mM MES, 150 mM NaCl, pH 5.5
Storage:	-20 °C

Images



ELISA

Image 1. Immobilized Human Sigelc-7, His Tag (ABIN6973266) at 5 µg/mL (100 µL/well) can bind Neu5AAca-n with a linear range of 6-100 ng/mL (QC tested).



SDS-PAGE

Image 2. Human Sigelc-7, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .

