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Datasheet for ABIN7320942
SIGLEC5 Protein (His tag)

1 Image

Overview

Quantity:	50 µg
Target:	SIGLEC5
Origin:	Cynomolgus
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SIGLEC5 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Cynomolgus SIGLEC5/CD170 Protein (His Tag)
Sequence:	Glu17-Gly435
Characteristics:	Recombinant Cynomolgus SIGLEC5 is produced by our Mammalian expression system and the target gene encoding Glu17-Gly435 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	SIGLEC5
Alternative Name:	SIGLEC5/CD170 (SIGLEC5 Products)
Background:	Background: Sialic acid-binding Ig-like lectin 5 is a protein that in Cynomolgus is encoded by the SIGLEC5 gene, Cynomolgus SIGLEC5 cDNA encodes 551 amino acids (aa) that include a 16 aa signal sequence, a 439aa extracellular domain (ECD) with three Ig-like domains, a

Target Details

transmembrane region and a cytoplasmic tail. No Siglec has been shown to recognize any cell surface ligand other than sialic acids, suggesting that interactions with glycans containing this carbohydrate are important in mediating the biological functions of Siglecs. Siglec5 to 11 share a high degree of sequence similarity with CD33/Siglec3 both in their extracellular and intracellular regions. Putative adhesion molecule that mediates sialic-acid dependent binding to cells. Binds equally to alpha-2,3-linked and alpha-2,6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface. Synonym: Sialic acid-binding Ig-like lectin 5, Siglec-5, CD170,CD33L2,OB-BP2,OBBP,OB BP2,SIGLEC-5,SIGLEC5

Molecular Weight: 46.8 kDa

UniProt: [A0A0B4J1D1](#)

Application Details

Restrictions: For Research Use only

Handling

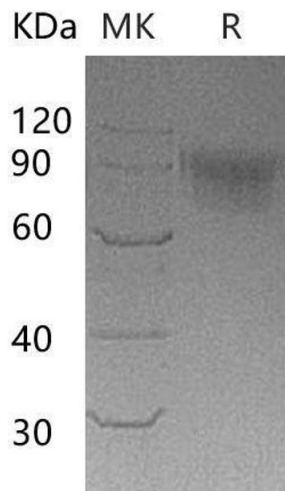
Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.