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Datasheet for ABIN7319717

SIGLEC9 Protein (His tag)



Overview

Quantity:	50 μg
Target:	SIGLEC9
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This SIGLEC9 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human SIGLEC9/CD329 Protein (His Tag)(Active)	
Sequence:	Gln18-Gly348(Lys100Glu,Ala315Glu)	
Characteristics:	Recombinant Human SIGLEC9 is produced by our Mammalian expression system and the target gene encoding Gln18-Gly348(Lys100Glu,Ala315Glu) is expressed with a 6His tag at the C-terminus.	
Purity:	> 95 % as determined by reducing SDS-PAGE.	
Endotoxin Level:	$<$ 1.0 EU per μg as determined by the LAL method.	
Biological Activity Comment:	Measured by the ability of the immobilized protein to support the adhesion of human red blood cells. Approximately 93% will adhere after 5-10 mins incubation at 37 °C.	

Target Details

Target:	SIGLEC9	

Target Details

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Alternative Name:	SIGLEC9/CD329 (SIGLEC9 Products)	
Background:	Background: Sialic acid-binding Ig-like lectin 9(Siglec 9) is expressed by peripheral blood	
	leukocytes (neutrophils and monocytes but not eosinophils), and found in liver, fetal liver, bone	
	marrow, placenta, spleen and in lower levels in skeletal muscle, fetal brain and so on. It is a	
	putative adhesion molecule that mediates sialic-acid dependent binding to cells. It also binds to	
	alpha-2,3- or 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 9,Siglec-9,CDw329,Protein FOAP-9,SIGLEC9	
Molecular Weight:	36.9 kDa	
UniProt:	Q9Y336	
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,2 mMEDTA,ph7.4.	
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.	