

Datasheet for ABIN7275590

SIGLEC5 Protein (AA 17-434) (Fc Tag,Biotin)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	SIGLEC5
Protein Characteristics:	AA 17-434
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SIGLEC5 protein is labelled with Fc Tag,Biotin.

Product Details

Purpose:	Biotinylated Human Siglec-5/CD170 Protein (Primary Amine Labeling)
Sequence:	Glu17-Thr434
Characteristics:	Recombinant Biotinylated Human Siglec-5/CD170 Protein is expressed from HEK293 with hFc tag at the C-Terminus.It contains Glu17-Thr434.
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:	SIGLEC5
Alternative Name:	Siglec-5 (SIGLEC5 Products)

Target Details

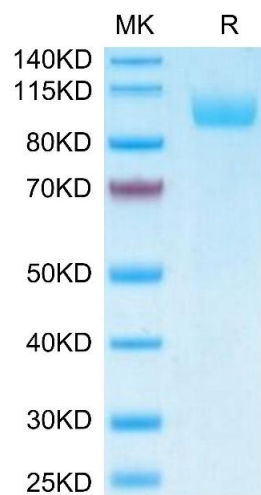
Background:	Group B Streptococcus (GBS) causes invasive infections in human newborns. the GBS β -protein attenuates innate immune responses by binding to sialic acid-binding immunoglobulin-like lectin 5 (Siglec-5), an inhibitory receptor on phagocytes.the polymorphism could influence the risk of prematurity among human fetuses of mothers colonized with GBS. This first functionally proven example of a paired receptor system in the Siglec family has multiple implications for regulation of host immunity.
Molecular Weight:	73.1 kDa. Due to glycosylation, the protein migrates to 90-115 kDa based on Tris-Bis PAGE result.
UniProt:	O15389

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 μ m 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. Biotinylated Human Siglec-5 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95 % .