

Datasheet for ABIN7275598

**SIGLEC5 Protein (AA 17-434) (His-Avi Tag)**[Go to Product page](#)**2** Images

## 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 His-Avi Tag.

## Product Details

Purpose:	Human Siglec-5/CD170 Protein
Sequence:	Glu17-Thr434
Characteristics:	Recombinant Human Siglec-5/CD170 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.It contains Glu17-Thr434.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	SIGLEC5
Alternative Name:	Siglec-5 ( <a href="#">SIGLEC5 Products</a> )

## Target Details

Background:	Siglecs (sialic acid binding Ig-like lectins) are I-type (Ig-type) lectins belonging to the Ig superfamily. They are characterized by an N-terminal Ig-like V-type domain which mediates sialic acid binding, followed by varying numbers of Ig-like C2-type domains. Siglec 5 is 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.
Molecular Weight:	49.3 kDa. Due to glycosylation, the protein migrates to 68-78 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">O15389</a>

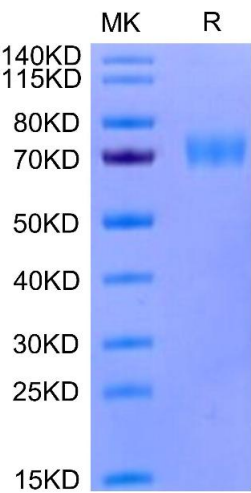
## Application Details

Restrictions:	For Research Use only
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## Handling

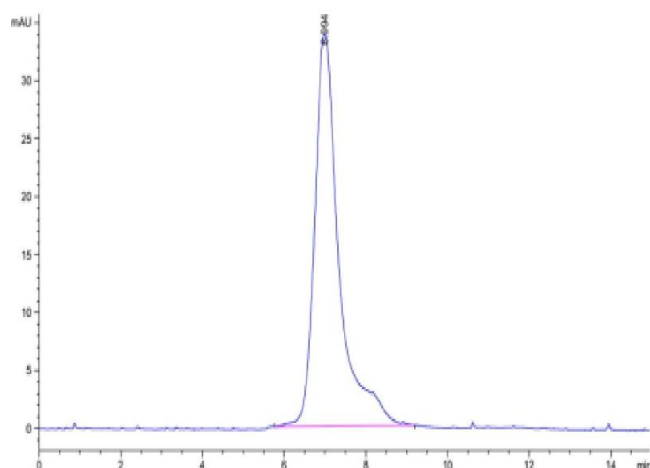
Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in PBS, 360 mM NaCl ( pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

## Images



### SDS-PAGE

**Image 1.** Human Siglec-5 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



## Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Human Siglec-5 is greater than 95 % as determined by SEC-HPLC.