

Datasheet for ABIN7275593

SIGLEC15 Protein (AA 24-260) (Fc Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SIGLEC15
Protein Characteristics:	AA 24-260
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SIGLEC15 protein is labelled with Fc Tag.

Product Details

Purpose:	Human Siglec-15/CD33L3 Protein
Sequence:	Lys24-Gly260
Characteristics:	Recombinant Human Siglec-15/CD33L3 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Lys24-Gly260.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human Siglec-15, hFc Tag at 0.2µg/ml (100µl/Well). Dose response curve for Anti-Siglec-15 Ab., hFc Tag with the EC50 of 7.37ng/ml determined by ELISA. See testing image for detail.

Target Details

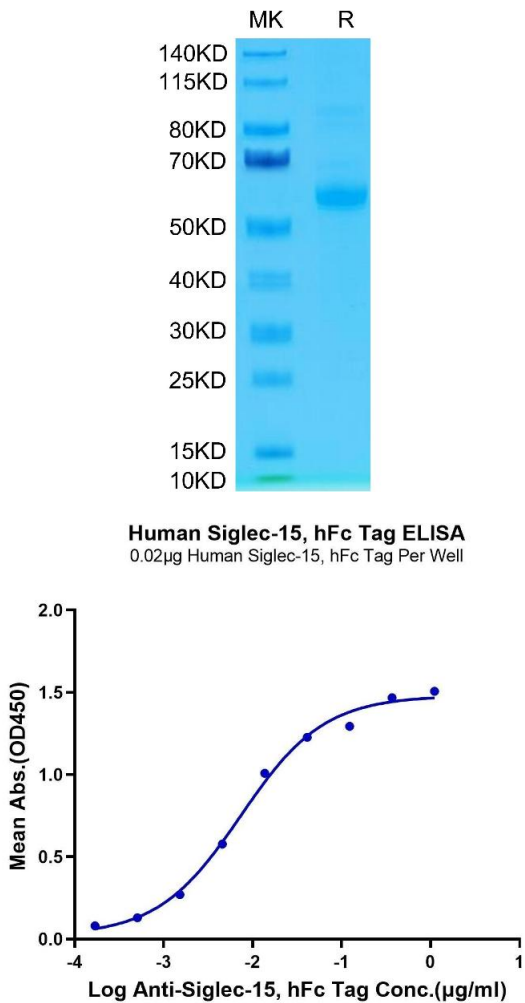
Target:	SIGLEC15
Alternative Name:	Siglec-15 (SIGLEC15 Products)
Background:	Siglec-15 is a transmembrane glycoprotein in the Siglec family of sialic acid-binding immune regulatory molecules. Mature human Siglec-15 consists of a 244 amino acid extracellular domain (ECD) with two Ig-like domains, a 21 aa transmembrane segment, and a 44 aa cytoplasmic domain. Siglec-15 is a potential therapeutic target for osteoporosis and plays a conserved regulatory role in the immune system of vertebrates.
Molecular Weight:	52.6 kDa. Due to glycosylation, the protein migrates to 53-60 kDa based on Tris-Bis PAGE result.

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 µg/mL is recommended. Dissolve the lyophilized protein in 20 mM NaAC (pH 5.0).
Buffer:	Lyophilized from 0.22µm filtered solution in 20 mM NaAC (pH 5.0). 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. Human Siglec-15 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

ELISA

Image 2. Immobilized Human Siglec-15, hFc Tag at 0.2 µg/mL (100 µL/Well). Dose response curve for Anti-Siglec-15 Ab., hFc Tag with the EC50 of 7.37 ng/mL determined by ELISA.