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# SIGLEC15 Protein (AA 20-263) (Fc Tag)

3 Images



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Quantity:	100 μg
Target:	SIGLEC15
Protein Characteristics:	AA 20-263
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This SIGLEC15 protein is labelled with Fc Tag.

# **Product Details**

Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per μg by the LAL method.

# **Target Details**

Target:	SIGLEC15
Alternative Name:	Siglec-15 (SIGLEC15 Products)
Background:	Siglec-15 is a DAP12-associated immunoreceptor, which belongs to the immunoglobulin superfamily and SIGLEC (sialic acid binding Ig-like lectin) family. Siglecs are cell surface proteins that bind sialic acid. They are found primarily on the surface of immune cells and are a subset of the I-type lectins. Siglec-15 consisting of immunoglobulin (Ig)-like domains, transmembrane domain and a short cytoplasmic tail. Siglec-15 is that recognizes sialylated
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glycans and regulates osteoclast differentiation. Siglec-15 is a potential therapeutic target for osteoporosis and plays a conserved regulatory role in the immune system of vertebrates.

Molecular Weight:

52.7 kDa

# **Application Details**

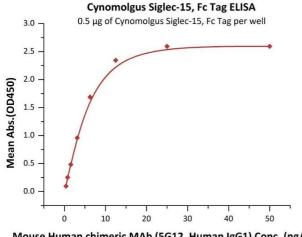
Restrictions:

For Research Use only

# Handling

Format:	Lyophilized
Buffer:	50 mM Tris, 100 mM Glycine, 150 mM NaCl, pH 7.5
Storage:	-20 °C

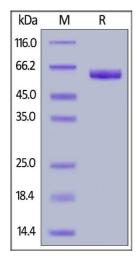
#### **Images**



#### **ELISA**

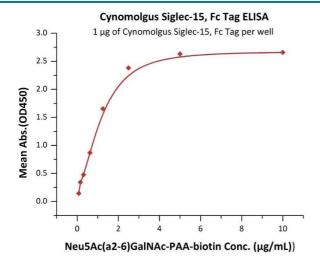
Image 1. Immobilized Cynomolgus Siglec-15, Fc Tag (ABIN6923189,ABIN6938874) at  $5 \mu g/mL$  (100  $\mu L/well$ ) can bind Mouse Human chimeric MAb (5G12, Human IgG1) with a linear range of 0.4-6 ng/mL (QC tested).

#### Mouse Human chimeric MAb (5G12, Human IgG1) Conc. (ng/mL)



### **SDS-PAGE**

Image 2. Cynomolgus Siglec-15, Fc Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.



#### **ELISA**

**Image 3.** Immobilized Cynomolgus Siglec-15, Fc Tag (ABIN6923189,ABIN6938874) at 10  $\mu$ g/mL (100  $\mu$ L/well) on Diamond Protein A Protein, His Tag precoated (0.5  $\mu$ g/well) plate, can bind Neu5Ac(a2-6)GalNAc-n with a linear range of 0.078-1.25  $\mu$ g/mL (Routinely tested).