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# SIGLEC15 Protein (AA 24-262) (His tag, Biotin)





# Overview

Quantity:	100 μg
Target:	SIGLEC15
Protein Characteristics:	AA 24-262
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SIGLEC15 protein is labelled with His tag, Biotin.

#### **Product Details**

Purpose:	Biotinylated Mouse Siglec-15/CD33L3 Protein (Primary Amine Labeling)
Sequence:	Arg24-Thr262
Characteristics:	Recombinant Biotinylated Mouse Siglec-15/CD33L3 Protein (Primary Amine Labeling) is expressed from HEK293 with His tag at the C-Terminus.It contains Arg24-Thr262.
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:	SIGLEC15
Alternative Name:	Siglec-15 (SIGLEC15 Products)

#### **Target Details**

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:	26.7 kDa. Due to glycosylation, the protein migrates to 35-43 kDa based on Tris-Bis PAGE result.

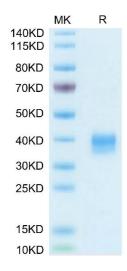
### **Application Details**

Restrictions: For Research Use only

## Handling

Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in 20 mM PB, 0.5M NaCl, 0.1M L-arginine (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**

 $\mbox{Image 1.}$  Biotinylated Mouse Siglec-15/CD33L3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .