

Datasheet for ABIN7320882  
**SIGLEC15 Protein (His tag)**

## 2 Images

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## Overview

Quantity:	50 µg
Target:	SIGLEC15
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This SIGLEC15 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Mouse Sialic acid-binding Ig-like lectin 15/Siglec-15/CD33L3 (C-6His)
Sequence:	Arg24-Thr262
Characteristics:	Recombinant Mouse Sialic Acid-binding Ig-like Lectin 15 is produced by our Mammalian expression system and the target gene encoding Arg24-Thr262 is expressed with a 6His tag at the C-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Immobilized Mouse Siglec-15-His (Cat#PKSM041394) at 2µg/ml (100 µl/well) can bind Anti-Human Siglec15 mAb. The ED50 of Anti-Human Siglec15 mAb is 27.7 ng/ml.

## Target Details

Target:	SIGLEC15
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## Target Details

Alternative Name:	Sialic acid-binding Ig-like lectin 15/Siglec-15/CD33L3 ( <a href="#">SIGLEC15 Products</a> )
Background:	<p>Background: Human Siglec-15 is a transmembrane glycoprotein in the Siglec family. Siglecs are type I transmembrane proteins where the NH<sub>3</sub><sup>+</sup>-terminus is in the extracellular space and the COO<sup>-</sup>-terminus is cytosolic. Each Siglec contains an N-terminal V-type immunoglobulin domain (Ig domain) which acts as the binding receptor for sialic acid. These lectins are placed into the group of I-type lectins because the lectin domain is an immunoglobulin fold. All Siglecs are extended from the cell surface by C2-type Ig domains which have no binding activity. Siglecs differ in the number of these C2-type domains. Human Siglec-15 consists of a 244 amino acid (aa) extracellular domain (ECD) with two Ig-like domains, a 21 aa transmembrane segment, and a 44 aa cytoplasmic domain. Siglec-15 function is important for osteoclast formation and TRANCE/RANK Ligand signaling in osteoclasts</p> <p>Synonym: Angiopoietin-related protein 4, 425018-1, Angiopoietin-like protein 4, Fasting-induced adipose factor, Hepatic fibrinogen/angiopoietin-related protein, HFARP, Secreted protein Bk89, Angptl4, Farp, Fiaf, Ng27</p>

Molecular Weight:	26.5 kDa
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UniProt:	<a href="#">A7E1W8</a>
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## Application Details

Restrictions:	For Research Use only
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## Handling

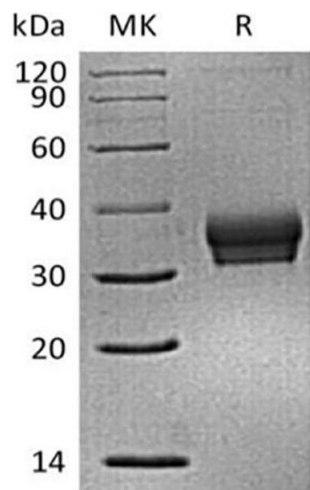
Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, 150 mM NaCl, 5 % Thehalose, 0.3 % Chaps, pH 7.4.
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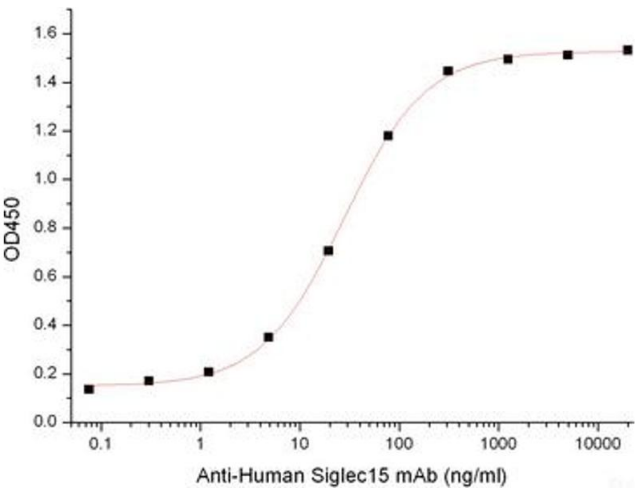
Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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Western Blotting

Image 1.



ELISA

Image 2.