

## Recombinant Mouse Siglec15 protein, His-Avi-tagged

**Cat. No.** Siglec15-123M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse siglec-15 Protein is expressed from mammalian with aPoly-His and Avi Tag at the C-terminal. It contains Arg26-Thr 262 design.                                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | It contains Arg26-Thr 262 design.                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | 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. |
| <b>Form</b>             | Supplied as 0.22um filtered solution in PBS (pH 7.4).                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Molecular Mass</b>   | The Mouse siglec-15 Protein has a calculated MW of 28.5kDa .                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Endotoxin</b>        | Less than 1EU per ug by the LAL method.                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage</b>          | The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                  |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of                                                                                                                                                                                                                                                                                                                                           |

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

|                 |                                                                                                                                                                         |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Siglec15 sialic acid binding Ig-like lectin 15 [ Mus musculus (house mouse) ]                                                                                           |
| Official Symbol | Siglec15                                                                                                                                                                |
| Synonyms        | CD33 antigen-like 3 SIGLEC-15; CD33 molecule-like 3; CD33L3; HsT1361; sialic acid binding Ig-like lectin 15; sialic acid-binding Ig-like lectin 15; Siglec15; Siglec-15 |
| Gene ID         | 620235                                                                                                                                                                  |
| mRNA Refseq     | NM_001101038.2                                                                                                                                                          |
| Protein Refseq  | NP_001094508.1                                                                                                                                                          |

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