

Product datasheet for **TP727895**

Siglec15 Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Siglec-15 (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Arg24-Thr262
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS,150mMnacl,5%Thehalose,0.3%chaps,Ph7.4.
Note:	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.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	620235
UniProt ID:	A7E1W8
Synonyms:	Sialic acid-binding Ig-like lectin 15; Siglec-15; CD33 antigen-like 3; CD33L3
Summary:	Human Siglec-15 is a transmembrane glycoprotein in the Siglec family. Siglecs are type I transmembrane proteins where the NH ₃ ⁺ -terminus is in the extracellular space and the COO ⁻ -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



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