

Product datasheet for **TP727864**

SIGLEC15 Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant Human Sialic acid-binding lectin/CD33 antigen-like 3/CD33L3 |
| Species: | Human |
| Expression cDNA Clone or AA Sequence: | Phe19-Thr263 |
| Tag: | C-His |
| Buffer: | Lyophilized from a 0.2 um filtered solution of PBS,150mMNaCl,0.3%chaps,5% Trehalose, pH 7.4. |
| Note: | Recombinant Human Sialic acid-binding Ig-like lectin 15 is produced by our Mammalian expression system and the target gene encoding Phe20-Thr263 is expressed with a 6His tag at the C-terminus. |
| Stability: | 12 months from date of despatch |
| Locus ID: | 284266 |
| UniProt ID: | Q6ZMC9 |
| 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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