

Product datasheet for **TP727887**

Siglec 7 (SIGLEC7) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant Human Siglec-7 (C-6His) |
| Species: | Human |
| Expression cDNA Clone or AA Sequence: | Gln19-Leu353 |
| Tag: | C-6His |
| Buffer: | Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4. |
| Note: | Recombinant Human Sialic Acid-binding Ig-like lectin 7 is produced by our Mammalian expression system and the target gene encoding Gln19-Leu353 is expressed with a 6His tag at the C-terminus. |
| Stability: | 12 months from date of despatch |
| Locus ID: | 27036 |
| UniProt ID: | Q9Y286 |
| Summary: | Siglecs (sialic acid binding Ig-like lectins) are I-type (Ig-type) lectins belonging to the Ig superfamily. They are characterized by an N-terminal Ig-like V-type domain which mediates sialic acid binding, followed by varying numbers of Ig-like C2-type domains. Eleven human Siglecs have been cloned and characterized. Human Siglec-7 encodes a 467 amino acid (aa) polypeptide with a hydrophobic signal peptide, an N-terminal Ig-like V-type domain, two Ig-like C2-type domains, a transmembrane region and a cytoplasmic tail. Siglec-7 exists as a monomer on the cell surface and is expressed on natural killer cells, CD8+ T cells and monocytes. It binds equally well to both alpha 2,3- and alpha 2,6-linked sialic acid. The gene encoding Siglec-7 was mapped to chromosome 19q13.3. |



[View online »](#)