

# Active Recombinant Human SIGLEC11, Fc Chimera

**Cat. No.** SIGLEC11-376H    **Lot. No.** (See product label)

## SPECIFICATION

|                             |                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Human SIGLEC11 (Accession # AAK72907) was produced in Chinese Hamster Ovary cell line, CHO-derived.                                                                                                                                                                                                                                                                      |
| <b>Species</b>              | Human                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>               | CHO                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Predicted N Terminal</b> | Asn17                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Form</b>                 | Lyophilized from a 0.2 µ filtered solution in PBS.                                                                                                                                                                                                                                                                                                                                   |
| <b>Bio-activity</b>         | Measured by its ability to bind biotinylated (Neu5Aca2-8)2-Polyacrylamide in functional ELISA. Angata, T. et al. (2002) J. Biol. Chem. 277(27):24466. Recombinant Human Siglec-11 Fc Chimera immobilized at 2.5 µg/mL (100 µL/well), on a Goat Anti-Human IgG Fc Antibody coated plate can bind biotinylated (Neu5Ac alpha 2-8)2-Polyacrylamide with a linear range of 0.03-2 µg/mL. |
| <b>Molecular Mass</b>       | Recombinant Human SIGLEC11, Fc Chimera has a calculated MW of 84.4 kDa (monomer). In SDS-PAGE migrates as 110-135 kDa, reducing conditions.                                                                                                                                                                                                                                          |
| <b>Purity</b>               | >90%, by SDS-PAGE under reducing conditions and visualized by silver stain.                                                                                                                                                                                                                                                                                                          |
| <b>Storage</b>              | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).                                                                                                                                                                                        |

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## GENE INFORMATION

|                     |                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------|
| Gene Name           | SIGLEC11 sialic acid binding Ig-like lectin 11 [ Homo sapiens ]                                    |
| Official Symbol     | SIGLEC11                                                                                           |
| Synonyms            | SIGLEC11; sialic acid binding Ig-like lectin 11; sialic acid-binding Ig-like lectin 11; siglec-11; |
| Gene ID             | 114132                                                                                             |
| mRNA Refseq         | NM_001135163                                                                                       |
| Protein Refseq      | NP_001128635                                                                                       |
| MIM                 | 607157                                                                                             |
| UniProt ID          | Q96RL6                                                                                             |
| Chromosome Location | 19q13.3                                                                                            |

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