

# Recombinant Human SIGLEC14 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** SIGLEC14-4384H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | SIGLEC14 MS Standard C13 and N15-labeled recombinant protein (NP_001092082) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | SIGLEC14 (Sialic Acid Binding Ig Like Lectin 14) is a Protein Coding gene. Among its related pathways are Innate Immune System and RET signaling. Gene Ontology (GO) annotations related to this gene include carbohydrate binding. An important paralog of this gene is ENSG00000268500.                                                                                                                                                                         |
| <b>Molecular Mass</b>   | 43.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MLPLLLLPLLLWGGSLQEKPVYELQVQKSVTVQEGLCVLVPCSFSPWRSWYSSPPL<br>YVYWFRDGEIPYYAEVVATNNPDRRVKPETQGRFRLLGDVQKKNCSLSIGDARMED<br>TGSYFFRVERGRDVKYSYQQNKLNLEVTALIEKPDHFLEPLESGRPTRLSCSLPGS<br>CEAGPPLTFSWTGNALSPLDPETTRSELTLTPRPEDHGTNLTCQVKRQGAQVTTE<br>RTVQLNVSYPQNLAISSFRNGTGTLRILSNGMSVPIQEGQSLFLACTVDSNPPAS<br>LSWFREGKALNPSQTSMSGTLELPNIGAREGGEFTCRVQHPLGSQHLSFILSVQRS<br>SSSCICVTEKQQGSWPLVLTIRGALMGAGFLLTYGLTWIYYTRCGGPQQSRAERP<br>GTRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                       |

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|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

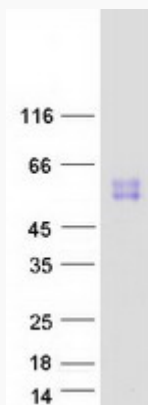
## GENE INFORMATION

|                        |                                                                                                    |
|------------------------|----------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | SIGLEC14 sialic acid binding Ig-like lectin 14 [ Homo sapiens (human) ]                            |
| <b>Official Symbol</b> | SIGLEC14                                                                                           |
| <b>Synonyms</b>        | SIGLEC14; sialic acid binding Ig-like lectin 14; sialic acid-binding Ig-like lectin 14; siglec-14; |
| <b>Gene ID</b>         | 100049587                                                                                          |
| <b>mRNA Refseq</b>     | NM_001098612                                                                                       |
| <b>Protein Refseq</b>  | NP_001092082                                                                                       |
| <b>MIM</b>             | 618132                                                                                             |
| <b>UniProt ID</b>      | Q08ET2                                                                                             |

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**SDS-PAGE**

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