

## Sialic Acid Binding Ig Like Lectin 5 Human Recombinant

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| <b>Item Number</b>                       | rAP-4787                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Synonyms</b>                          | Sialic Acid Binding Ig Like Lectin 5, Obesity-Binding Protein 2, OB-Binding Protein 2, CD33 Antigen-Like 2, SIGLEC-5, CD33L2, OB-BP2, OBBP2, Sialic Acid-Binding Immunoglobulin-Like Lectin 5, Sialic Acid Binding Ig-Like Lectin 5, Sialic Acid-Binding Ig-Lik                                                                                                                                                                                                             |
| <b>Description</b>                       | SIGLEC5 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 667 amino acids (17-441a.a.) and having a molecular mass of 74.2kDa (Molecular size on SDS-PAGE will appear at approximately 70-100kDa). SIGLEC5 is expressed with a 239 amino acid hlg-                                                                                                                                                                 |
| <b>Uniprot Accession Number</b>          | O15389                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Amino Acid Sequence</b>               | ADLEKPVYEL QVQKSVTVQE GLCVLVPCSF SYPWRSWYSS PPLYVYWFRD GEIPYYAEVV ATNNP-<br>DRRVK PETQGRFRL GDVQKKNC SL SIGDARMEDT GSYFFRVERG RDVKYSYQQN KLNLEVTALI<br>EKPDIHFLEP LESGRPTRLS CSLPGSCEAG PPLTFSWTGN ALSPLDPETT&nbsp;RSSELTLTTPR<br>PEDHGTNLTC QMKRQGAQVT TERTVQLNVS YAPQTITIFR NGIALEILQN TSYLPVLEGQ ALRLLCDAPS<br>NPPAHLSWFQ GSPALNATPI SNTGILELRR VRSAAEEGGFT CRAQHPLGFL QIFLNLSVYS LPQLLGP-<br>SCS WEAEGLHCRC SFRARPAPSL CWRLEEKPLE&nbsp;GNSSQGSFKV NSSSAGPWAN SSLILHGGLS |
| <b>Source</b>                            | Sf9, Baculovirus cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Physical Appearance and Stability</b> | Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.                                                                                                                                                                                                   |
| <b>Formulation and Purity</b>            | SIGLEC5 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4). Greater than 90.0% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                             |
| <b>Application</b>                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Solubility</b>                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Biological Activity</b>               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Shipping Format and Condition</b>     | Lyophilized powder at room temperature.                                                                                                                                                                                                                                                                                                                                                                                                                                     |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**