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32-13421: SIGLEC5 Human

Alternative Name :	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-Like Lectin 5, CD170 Antigen, CD170, Sialic acid-binding Ig-like lectin 5, Siglec-5, CD33 antigen-like 2, Obesity-binding protein 2, OB-BP2, OB-binding protein 2, CD170.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
Sialic Acid Binding Ig Like Lectin 5, also known as SIGLEC5 is a member of the immunoglobulin superfamily and SIGLEC family. SIGLEC5 contains of 2 Ig-like C2-type domains and 1 Ig-like V-type domain. In addition, SIGLEC5 is expressed by monocytic/myeloid lineage cells. SIGLEC5 is expressed at high levels in peripheral blood leukocytes, spleen, and at lower levels in lymph node, appendix, pancreas, lung, and thymus.
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 hIgG-His Tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	SIGLEC5 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4).
Storage condition :	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.
Amino Acid :	ADLEKPVYEL QVQKSVTVQE GLCVLVPCSF SYPWRSWYSS PPLYVYWFRD GEIPYYAEVV ATNNPDRRVK PETQGRFRLL GDVQKKNCSL SIGDARMEDT GSYFFRVERG RDVKYSYQQN KLNLEVTALI EKPDIHFLEP LESGRPTRLS CSLPGSCEAG PPLTFSWTGN ALSPLDPETTÂ RSSELTLTPR PEDHGTNLTC QMKRQGAQVT TERTVQLNVS YAPQTITIFR NGIALEILQN TSYLPVLEGQ ALRLLCDAPS NPPAHLSWFQ GSPALNATPI SNTGILELRR VRSAEEGGFT CRAQHPLGFL QIFLNLSVYS LPQLLGPSCS WEAEGLHCRC SFRARPAPSL CWRLEEKPLEÂ GNSSQGSFKV NSSSAGPWAN SSLILHGGLS SDLKVSCKAW NIYGSQSGSV LLLQGRSNLG TGVVPAALLE PKSCDKTHTC PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNKÂ ALPAPIEKTI SKAKGQPREP QVYTLPPSRD ELTKNQVSLT CLVKGFYPSD IAVEWESNGQ PENNYKTTPP VLDSDGSFFL YSKLTVDKSR WQQGNVFSCS VMHEALHNHY TQKSLSLSPG KHHHHHH.