

## 32-13085: CD21 Human

**Alternative Name :** Complement receptor type 2, Cr2, Complement C3d receptor, Epstein-Barr virus receptor, EBV receptor, CD21 antigen, CR2, C3DR, CD21, SLEB9.

### Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

CD21 is expressed strongly on mature B cells, follicular dendritic cells and weakly on immature thymocytes and T lymphocytes. In B-cell ontogeny, CD21 appears after the pre-B-stage, is maintained during peripheral B-cell development and is lost upon terminal differentiation into plasma cells. CD21 expression is also gradually lost after stimulation of B cells in vitro. CD21 functions as receptor for C3d, C3dg and iC3b Complement components, for EBV and for IFNalpha. CD21 binds to CD23 and associates with CD19, CD81 and Leu13 to form a large signal-transduction complex involved in B cell activation. CD21 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 959 amino acids (21-971aa) and having a molecular mass of 105.2kDa. CD21 is fused to an 8 amino acid His-Tag at C-terminus and purified by proprietary chromatographic techniques.

### Product Info

<b>Amount :</b>	2 µg / 10 µg
<b>Purification :</b>	Greater than 95.0% as determined by SDS-PAGE.
<b>Content :</b>	The CD21 solution (0.5mg/ml) contains 10% Glycerol and Phosphate Buffered Saline (pH 7.4). 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>Storage condition :</b>	
<b>Amino Acid :</b>	ISCGSPPIIL NGRISYYSTP IAVGTVIRYS CSGTFRIDGE KSLLCITKDK VDGTDKPAKCEYFNKYSS CPEPIVPGGY KIRGSTPYRH GDSVTFACKT NFSMNGNKS SV WCQANNMWGPTRLPTCVSVF PLECPALPMI HNGHHTSENV GSIAPGLSVT YSCESGYLLV GEKIINCLSSGKWSAVPPTC EEARCKSLGR FPNGKVKEPP ILRVGVTANF FCDEGYRLQG PPSSRCVIAGQGVAVTKMPV CEEIFCPSP PILNGRHIGN SLANVSYGSI VTYTCDPDPE EGVNFILIGESTLRCTVDSQ KTGTWSGPAP RCELSTSAVQ CPHPQILRGR MVSGQKDRYT YNDTVIFACMFGFTLKGSKQ IRCNAQGTWE PSAPVCEKEC QAPPNINLNGQ KEDRHMVRFD PGTSIKYSCNPGYVLVGEES IQCTSEG VWT PPVPQCKVAA CEATGRQLLT KPQHQFVRPD VNSSCGEGYKLSGSVYQECQ GTIPWFMEIR LCKEITCPPP PVIYNGAHTG SSLEDFPYGT TVTYTCNPGPERGVEFSLIG ESTIRCTSND QERGTWSGPA PLCKLSLLAV QCSHVHIANG YKISGKEAPYFYNDTVTFKC YSGFTLKGSS QIRCKADNTW DPEIPVCEKE TCQHVRQSLQ ELPAGSRVELVNTSCQDGYQ LTGHAYQMCQ DAENGIWFKK IPLCKVIHCH PPPVIVNGKH TGMMAENFLYGNEVSYECDQ GFYLLGEKKL QCRSDSKGHG SWSGSPQCL RSPPVTRCPN PEVKHGYKLNKTHSAYSHND IVYVDCNPGF IMNGSRVIRC HTDNTWVPGV PTCIKKAFIG CPPPPKTPNGNHTGGNIARF SPGMSILYSC DQGYLLVGEA LLLCTHEGTW SQPAPHCKEV NCSSPADMDGIQKLEPRKM YQYGAVVTLE CEDGYMLEGS PQSQCQSDHQ WNPPLAVCRS RVEHHHHHH