

32-13086: CD22 Human

CD22 Molecule, CD22 Antigen, Sialic Acid-Binding Ig-Like Lectin 2, B-Lymphocyte Cell Adhesion
Alternative Name : Molecule, T-Cell Surface Antigen Leu-14, SIGLEC-2, SIGLEC2, BL-CAM, Sialic Acid Binding Ig-Like Lectin 2, B-Cell Receptor CD22.

Description

Source: Sf9, Baculovirus cells.

Sterile filtered colorless solution.

CD22, also known as Sialic Acid-Binding Ig-Like Lectin 2, is part of the immunoglobulin(Ig)superfamily. CD22 mediates B-cell to B-cell interactions and is implicated in the localization of B-cells in lymphoid tissues. CD22 acts as positive regulator via interaction with the Src family tyrosine kinases, in addition CD22 preform as an inhibitory receptor by recruiting cytoplasmic phosphatases.

CD22 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 907 amino acids (20-687a.a.) and having a molecular mass of 102.1kDa. (Molecular size on SDS-PAGE will appear at approximately 100-150KDa).CD22 is expressed with a 239 amino acid hlgG-His-tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 1 µg / 5 µg

Purification : Greater than 85.0% as determined by SDS-PAGE.

Content : CD22 protein solution (0.25mg/ml) contains 10% glycerol & 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 : DSSKVVFEHP ETLYAWEGAC VWIPCTYRAL DGDLESFILF HNPEYNKNTS KFDGTRLYES TKDGKVPSEQ KRVQFLGDKN KNCTLSIHPV HLNDSGQLGL RMESKTEKWM ERIHLNVSER PFPPHIQLPP EIQUESQEVTL TCLLNFSCYG YPIQLQWLE GVPMRQAAVT STSLTIKSVFĀ TRSELKFSPQ WSHHGKIVTC QLQDADGKFL SNDTVQLNVK HTPKLEIKVT PSDAIVREGD SVTMTCEVSS SNPEYTTVSW LKDGTSLKKQ NTFTLNLREV TKDQSGKYCC QVSNDVGPGR SEEVFLQVQY APEPSTVQIL HSPAVEGSQV EFLCMSLANP LPTNYTWYHN GKEMQGRTEE KVHIPKILPW HAGTYSVVAE NILGTGQRGP GAELDVQYPP KKVTTVIQNP MPIREGDVT LSCNYNSSNP SVTRYEWKPH GAWEEPSLGV LKIQNVGWDN TTIACAACNS WCSWASPVAL NVQYAPRDVR VRKIKPLSEI HSGNSVSLQC DFSSSHPKVEV QFFWEKNGRL LGKESQLNFDĀ SISPEDAGSY SCWVNSIGQ TASKAWTLEV LYAPRRLRVS MSPGDQVM EG KSATLTCESD ANPPVSHYTW FDWNNQSLPY HSQKLRLPEV KVQHSGAYWC QGTNSVGKGR SPLSTLTYYY SPETIGRRLE PKSCDKTHTC PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDVĀ SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP QVYTLPPSRD ELTKNQVSLT CLVKGFYPSD IAVEWESNGQ PENNYKTPP VLDSGDSFFL YSKLTVDKSR WQGNVVFSCS VMHEALHNHY TQKLSLSPGĀ KHHHHHH.