## 32-13086: CD22 Human

Alternative Name<br>:<br>CD22 Molecule, CD22 Antigen, Sialic Acid-Binding Ig-Like Lectin 2, B-Lymphocyte Cell Adhesion 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(lg)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 102.1 kDa . (Molecular size on SDS-PAGE will appear at approximately $100-150 \mathrm{KDa}$ ).CD22 is expressed with a 239 amino acid hlgG-His-tag at C-Terminus and purified by proprietary chromatographic techniques.

## Product Info

## Amount :

Purification :
Content :

## Storage condition :

Amino Acid :
$1 \mu \mathrm{~g} / 5 \mu \mathrm{~g}$
Greater than $85.0 \%$ as determined by SDS-PAGE.
CD22 protein solution ( $0.25 \mathrm{mg} / \mathrm{ml}$ ) contains $10 \%$ glycerol \& Phosphate Buffered Saline ( pH 7.4 ).
Store at $4^{\circ} \mathrm{C}$ if entire vial will be used within $2-4$ weeks. Store, frozen at $-20^{\circ} \mathrm{C}$ 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.
DSSKWVFEHP ETLYAWEGAC VWIPCTYRAL DGDLESFILF HNPEYNKNTS KFDGTRLYES TKDGKVPSEQ KRVQFLGDKN KNCTLSIHPV HLNDSGQLGL RMESKTEKWM ERIHLNVSER PFPPHIQLPP EIQESQEVTL TCLLNFSCYG YPIQLQWLLE GVPMRQAAVT STSLTIKSVF TRSELKFSPQ WSHHGKIVTC QLQDADGKFL SNDTVQLNVK HTPKLEIKVT PSDAIVREGD SVTMTCEVSS SNPEYTTVSW LKDGTSLKKQ NTFTLNLREV TKDQSGKYCC QVSNDVGPGR SEEVFLQVQY APEPSTVQIL HSPAVEGSQV EFLCMSLANP LPTNYTWYHN GKEMQGRTEE KVHIPKILPW HAGTYSCVAE NILGTGQRGP GAELDVQYPP KKVTTVIQNP MPIREGDTVT LSCNYNSSNP SVTRYEWKPH GAWEEPSLGV LKIQNVGWDN TTIACAACNS WCSWASPVAL NVQYAPRDVR VRKIKPLSEI HSGNSVSLQC DFSSSHPKEV QFFWEKNGRL LGKESQLNFD SISPEDAGSY SCWVNNSIGQ TASKAWTLEV LYAPRRLRVS MSPGDQVMEG KSATLTCESD ANPPVSHYTW FDWNNQSLPY HSQKLRLEPV KVQHSGAYWC QGTNSVGKGR SPLSTLTVYY SPETIGRRLE PKSCDKTHTC PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP QVYTLPPSRD ELTKNQVSLT CLVKGFYPSD IAVEWESNGQ PENNYKTTPP VLDSDGSFFL YSKLTVDKSR WQQGNVFSCS VMHEALHNHY TQKSLSLSPG KHHHHHH.

