

Datasheet for ABIN935305 CD22 Protein



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Overview

Quantity:	20 µg
Target:	CD22
Origin:	Human
Source:	CHO Cells
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Sequence: SKWVFEHPET LYAWEGACVW IPCTYRALDG DLESFILFHN PEYKNTSKF DGTRLYESTK
DGKVPSEQKR VQFLGDKNKN CTLSIHPVHL NDSGQLGLRM ESKTEKWMER IHLNVSERPF
PPHIQLPPEI QESQEVTLTC LLNFSCYGY IQLQWLLEGV PMRQAAVTST SLTIKSVFTR
SELFKSPQWS HHGKIVTCQL QDADGKFLSN DTVQLNVKHT PKLEIKVTPS DAIVREGDSV
TMTCEVSSSN PEYTTVSWLK DGTSLKKQNT FTLNLREVTK DQSGKYCCQV SNDVGPGRSE
EVFLQVQYAP EPSTVQILHS PAVEGSQVEF LCMSLANPLP TNYTWYHNGK EMQGRTEEKV
HIPKILPWAH GTYSCVAENI LGTGQRGPGA ELDVQYPPKK VTTVIQNPMP IREGDVTLS
CNYNSSNPSV TRYEWKPHGA WEEPSLGVK IQNVGWDNTT IACARCNSWC SWASPVALNV
QYAPRDVVRV KIKPLSEIHS GNSVSLQCDF SSSHPKEVQF FWEKNGRLLG KESQLNFDSI
SPEDAGSYSC WVNNSIGQTA SKAWTLEVLV APRRLRVSMS PGDQVMGKGS ATLTCESDAN
PPVSHYTWFD WNNQSLPHHS QKLRLEPVKV QHSGAYWCQG TNSVGKGRSP LSTLTVYYSP
ETIGRR

Characteristics: Purified recombinant Human CD22 protein
Expression System: CHO cells
Bioactivity: Determined by its ability to inhibit the proliferation of Raji cells. The expected ED50

Product Details

for this effect is 10-17 µg/mL.

Purity: > 98 % pure

Endotoxin Level: < 0.1 ng per µg (1 EU/µg).

Target Details

Target: CD22

Alternative Name: CD22 ([CD22 Products](#))

Background: CD22 is a B-lineage restricted 135 kDa glycoprotein whose cell surface expression is limited to resting and activated B lymphocytes. The physiological role of CD22 is still unknown. Targeted disruption of CD22 in mice results in a reduced level of surface IgM on peripheral B cells suggesting a role for CD22 in limiting antigen receptor signaling. CD22 is a member of the Ig gene superfamily that uniquely binds a sialic acid-dependent ligand. Recombinant human CD22 is a soluble 75.0 kDa protein which corresponds to the extracellular domain of CD22.
Alternative Names: CD22, CD-22, FcεRII protein, CD 22, CD-22 protein, CD 22 protein

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Supplied as a lyophilized powder.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -20 °C for long term storage.