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32-13113: CD58 Human, Sf9

Alternative Name : Lymphocyte function-associated antigen 3 isoform 1, CD58, ag3, LFA-3, LFA3, Surface glycoprotein LFA-3.

Description

Source: Sf9, Baculovirus cells.
Sterile filtered colorless solution.
CD33 is putative adhesion molecule of myelomonocytic-derived cells which mediates sialic-acid dependent binding to cells. CD33 prefers to bind to alpha-2,6-linked sialic acid. The sialic acid recognition site is masked by cis interactions with sialic acids on the same cell surface. In the immune response, CD33 perform as an inhibitory receptor upon ligand induced tyrosine phosphorylation by recruiting cytoplasmic phosphatases through their SH2 domains which block signal transduction through dephosphorylation of signaling molecules. In addition, CD33 induces apoptosis in acute myeloid leukemia.
CD58 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 196 amino acids (29-215a.a.) and having a molecular mass of 22.5kDa. (Molecular size on SDS-PAGE will appear at approximately 28-40kDa).CD58 is expressed with a 9 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	CD58 protein solution (1mg/ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.
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 :	ADPFSQQIYG VVYGNVTFHV PSNVPLKEVL WKKQKDKVAE LENSEFRAFS SFKNRVYLDT VSGSLTIYNL TSSDEDEYEM ESPNITDTMK FFLYVLESLP SPTLTCALTN GSIEVQCMIP EHYNSHRGLI MYSWDCPMEQ CKRNSTSIYF KMENDLPQKI QCTLSNPLFN TTSSIILTTC IPSSGHSRHR HHHHHH