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32-13116: CD72 Human, Sf9

Alternative Name : CD72, CD72b, LYB2, B-cell differentiation antigen CD72, Lyb-2.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
CD72 antigen is a member of the type II integral membrane glycoproteins which includes other related cell surface moleculaes such as the asialoglycoprotein receptors, CD23 and the Kupffer cell recpeotr. The exposure of B cells to CD72 antibodies activates a variety of signalling pathways and can induce MHC class II expression and B cell proliferation. CD72 antigen is expressed on all cells of B cell lineage with the exception of plasma cells and weakly on human tissue macrophages.
CD72 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 485 amino acids (117-359a.a.) and having a molecular mass of 55.3kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa).CD72 is expressed with a 242 amino acid hIgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	CD72 protein solution (0.5mg/ml) contains 50mM Tris-HCl buffer (pH6.8), 0.2M NaCl, 2mM DTT and 50% 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 :	ADPRYLQVSQ QLQQTNRVLE VTNSSLRQQL RLKITQLGQS AEDLQGSRRE LAQSQEALQVEQRAHQAAEG QLQACQADRQ KTKETLQSEE QQRRALEQKL SNMENRLKPF FTCGSADTCCPSGWIMHQKS CFYISLTSKN WQESQKQCET LSSKLATFSE IYPQSHSYYF LNSLLPNGGSGNSYWTGLSS NKDWKLTDDT QRTRTYAQSS KCNKVHKTWS WWTLESESCR SSLPYICEMTAFRFPDLEPK SCDKTHTCPP CPAPELLGGP SVFLFPPKPK DTLMISRTPE VTCVVVDVSHEDPEVKFNWY VDGVEVHNAK TKPREEQYNS TYRVVSVLTV LHQDWLNGKE YKCKVSNKALPAPIEKTISK AKGQPREPQV YTLPPSRDEL TKNQVSLTCL VKGFYPSDIA VEWESNGQPENNYKTTPPVL DSDGSFFLYS KLTVDKSRWQ QGNVFSCSVM HEALHNHYTQ KSLSLSPGKH HHHHH.

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