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32-13124: CD93 Human

Alternative Name :	CD93 Molecule, CD93 Antigen, Complement Component 1, Q Subcomponent, Receptor 1, Complement Component 1 Q Subcomponent Receptor 1, Matrix-Remodeling-Associated Protein 4, Matrix-Remodelling Associated 4, C1q/MBL/SPA Receptor, C1qR(P), C1Qrp, C1QR1, MXRA4, CDw93, C1qR, C1q Receptor 1, DJ737E23.1, ECSM3.

Description

Source: Sf9, Baculovirus cells.
Sterile filtered colorless solution.
CD93, is a receptor or else an element of a larger receptor complex for C1q, MBL2-mannose-binding lectin and SPA-pulmonary surfactant protein A. CD93 mediates the enhancement of phagocytosis in monocytes as well as macrophages upon interaction with soluble defense collagens. CD93 takes part in the intercellular adhesion. Furthermore, CD93 was expressed on (pre) plasmablasts/plasma cells, including long-lived plasma cells which demonstrated decreased cell cycle activity, high levels of isotype-switched Ig secretion, as well as modification of the transcriptional network. CD93 is vital for the maintenance of plasma cells in bone marrow niches.Â
CD93 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 567 amino acids (22-580 aa) and having a molecular mass of 59.3kDa (Migrates at 70-100kDa on SDS-PAGE under reducing conditions).CD93 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	CD93 protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) 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 :	TGADTEAVVC VGTACYTAHS GKLSAAEAQN HCNQNGGNLA TVKSKEEAQH VQRVLAQLLR REAALTARMS KFWIGLQREK GKCLDPSLPL KGFSWVGGGE DTPYSNWHKE LRNSCISKRC VSLLLDLSQP LLPSRLPKWS EGPCGSPGSP GSNIEGFVCK FSFKGMCRPL ALGGPGQVTY TTPFQTTSSS LEAVPFASAA NVACGEGDKD ETQSHYFLCK EKAPDVFDWG SSGPLCVSPK YGCNFNNGGC HQDCFEGGDG SFLCGCRPGF RLLDDLVTCA SRNPCSSSPC RGGATCVLGP HGKNYTCRCP QGYQLDSSQL DCVDVDECQD SPCAQECVNT PGGFRCECWV GYEPGGPGEG ACQDVDECAL GRSPCAQGCT NTDGSFHCSC EEGYVLAGED GTQCQDVDEC VGPGGPLCDS LCFNTQGSFH CGCLPGWVLA PNGVSCTMGP VSLGPPSGPP DEEDKGEKEG STVPRAATAS PTRGPEGTPK ATPTTSRPSL SSDAPITSAP LKMLAPSGSP GVWREPSIHH ATAASGPQEP AGGDSSVATQ NNDGTDGQKV EHHHHHH

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