9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CD93 Human

CD93 Human Recombinant
CDA0127

Product Overview

Name	CD93 Human
Description	
CD93 Human Recombinant	
Accession (Primary)	Q9NPY3
Synonyms	
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.	
Introduction	
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.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
CD93 protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
TGADTEAVVC VGTACYTAHS GKLSAAEAQN HCNQNGGNLA TVKSKEEAQH VQRVLAQLLR REAALTARMS	

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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 NNDGTDGQK V EHHHHHH

Precautions

CD93 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9NPY3)