

Recombinant Human CD93 protein, His-tagged

Cat. No. CD93-5743H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD93 protein(Q9NPY3)(22-580aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-580aa
Tag	C-His
Form	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human CD93 at 2 µg/mL can bind Human IGFBP7, the EC50 is 20.34-26.92 ng/mL. Measured by its binding ability in a functional ELISA. Immobilized Human CD93 at 2 µg/mL can bind Anti-CD93 recombinant antibody, the EC50 is 0.6639-1.173 ng/mL.
Molecular Mass	60.1 kDa
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

TGADTEAVVCVGTACYTAHSGKLSAAEAQNHCNQNGGNLATVKSKEEAQHVRVL
 AQLLRREAALTARMSKFWIGLQREK GKCLDPSLPLKGF SWVGGGEDTPYSNWHKE
 LRNSCISKRCVSLLLDLSQPLLPSRLPKWSEGPCGSPGSPGSGNIEGFVCKFSFKGMC
 RPLALGGPGQVYTTTPFQTTSSSLEAVPFASAANVACGEGDKDETQSHYFLCKEKA
 PDVFDWGSSGPLCVSPKYGCNFNNGGCHQDCFEGGDGSFLCGCRPGFRLLDDL
 TCASRNPCSSSPCRGGATCVLGP HGKNYTCRCPQGYQLDSSQLDCVDVDECQDS
 PCAQECVNTPGGFRCECWVGYEPGGPGEGACQDVDECALGRSPCAQGCTNTDG
 SFHCSCEEGYVLAGEDGTQCQDVDECVGP GGPLCDSLCFNTQGSFHCGCLPGWV
 LAPNGVSCTMGPVSLGPPSGPPDEEDKGEKEGSTVPRAATASPTRGPEGTPKATP
 TTSRPSLSSDAPITSAPLKMLAPSGSPGVWREPSIHHATAASGPQEPAGGDSSVAT
 QNNDGTDGQK

GENE INFORMATION

Gene Name CD93 CD93 molecule [Homo sapiens]

Official Symbol CD93

Synonyms

CD93; CD93 molecule; C1QR1, CD93 antigen , complement component 1, q subcomponent, receptor 1 , matrix remodelling associated 4 , MXRA4; complement component C1q receptor; C1qR(P); C1qRP; CDw93; dJ737E23.1; ECSM3; C1qR; CD93 antigen; C1q receptor 1; C1q/MBL/SPA receptor; matrix-remodelling associated 4; matrix-remodeling-associated protein 4; complement component 1 q

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subcomponent receptor 1; complement component 1, q subcomponent, receptor 1;
C1QR1; MXRA4;

Gene ID 22918

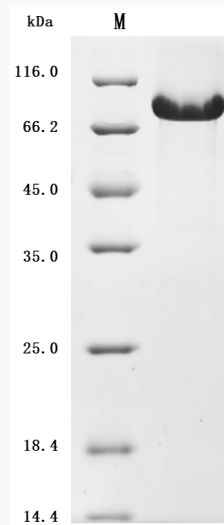
mRNA Refseq NM_012072

Protein Refseq NP_036204

MIM 120577

UniProt ID Q9NPY3

SDS-PAGE

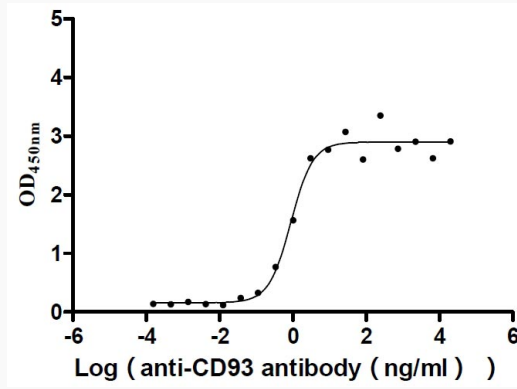


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Activity



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