

Recombinant Human CD93, His-tagged

Cat. No. CD93-60H **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Human Complement Component C1q Receptor/C1QR1 is produced with our mammalian expression system in HE293. The target protein is expressed with sequence (A24-K580) of Human C1QR1 fused with a polyhistidine tag at the C-terminus.

Species Human

Source HEK293

ProteinLength 24-580 a.a.

Form Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.2

AA Sequence

ADTEAVVCVGTACYTAHSGKLSAAEAQNHCNQNGGNLATVKSKEEAQHVRVLAQ
 LLRREAALTA RMSKFWIGLQREKKGKCLDPSLPLKGFVWGGGEDTPYSNWHKELR
 NSCISKRCVSLLLDLSQPLL PSRLPKWSEGPCGSPGSPGSNIEGFVCKFSFKGMCR
 PLALGGPGQVTYTTPTFQTTSSSLEAVPFA SAANVACGEGDKDETQSHYFLCKEKAP
 DVFDWGSSGPLCVSPKYGCNFNNGGCHQDCFEFGDGSF LCGCRPGFRLLDDLVT
 CASRNPCCSSSPCRGGATCVLGPHGKNYTCRCPQGYQLDSSQLDCVDVDE CQDSP
 CAQECVNTPGGFRCECWVGYEPGGPGEGACQDVDECALGRSPCAQGCTNTDGS
 FHCSC EE GYVLAGEDGTQCQDVDECVGPGGPLCDSLFCNTQGSFHCGLPGWVL
 APNGVSCTMGPVSLGPPS GPPDEEDKGEKEGSTVPRAATASPTRGPEGTPKATPT
 TSRPSLSSDAPITSAPLKMLAPSGSPGV WREPSIHHATAASGPQEPAGGDSSVATQ
 NNDGTDGQKVDHHHHHH

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Endotoxin	Less than 0.1 ng/μg (1 IEU/μg).
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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-modeling-associated protein 4; complement component 1 q subcomponent receptor 1; complement component 1, q subcomponent, receptor 1; C1QR1; MXRA4;
Gene ID	22918
mRNA Refseq	NM_012072
Protein Refseq	NP_036204

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MIM	120577
UniProt ID	Q9NPY3
Chromosome Location	20p11.21
Function	calcium ion binding; complement component C1q binding; protein binding; receptor activity; sugar binding;

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