

Active Recombinant Human CD93 protein, hFc-tagged

Cat. No. CD93-0309H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD93 protein(Q9NPY3)(Met1-Lys580), fused with hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-580 a.a.
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Immobilized Human IGFBP7 (His Tag) at 2 µg/ml (100 µl/well) can bind Human CD93 (hFc Tag). The EC50 is 15-120 ng/ml.
Molecular Mass	The recombinant human CD93/Fc is a disulfide-linked homodimer. The reduced monomer consists of 800 amino acids after removal the signal peptide and has a predicted molecular mass of 85.2 kDa. As a result of glycosylation, rh CD93/Fc monomer migrates as an approximately 125 kDa band in SDS-PAGE under reducing conditions.
Proteinlength	Met1-Lys580

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Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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 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
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UniProt ID	Q9NPY3
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