

# Active Recombinant Human CD93 protein, His-Avi-tagged, Biotinylated

**Cat. No.** CD93-3002H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human CD93 protein(Thr 22-Lys 580), fused with His and Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Thr 22-Lys 580
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Human IGFBP-7, Fc Tag at 5 µg/mL (100 µL/well) can bind Biotinylated Human C1q R1, His,Avitag with a linear range of 1-31 ng/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™).The protein has a calculated MW of 62.0 kDa. The protein migrates as 80-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Storage</b>	For long term storage, the product should be stored at lyophilized state at -20°C or

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lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**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.

**Conjugation**

Biotin

## 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

**MIM**

120577

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UniProt ID

Q9NPY3

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