



# Recombinant Human Complement component C1q receptor (CD93), partial (Active)

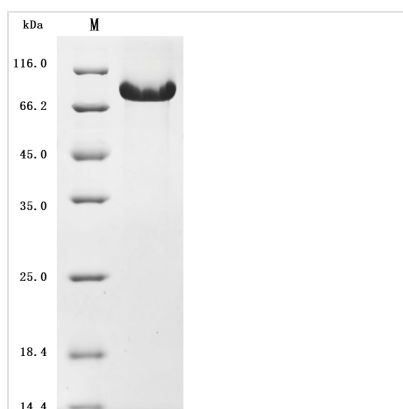
<b>Product Code</b>	CSB-MP865099HU
<b>Abbreviation</b>	Recombinant Human CD93 protein, partial (Active)
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9NPY3
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2 μm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Biological Activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Human CD93 at 2 μg/mL can bind Human IGF1 (CSB-MP620956HUd9), the EC <sub>50</sub> 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 (CSB-RA865099MA1HU), the EC <sub>50</sub> is 0.6639-1.173 ng/mL.
<b>Purity</b>	≥ 90% as determined by SDS-PAGE. ≥ 90% as determined by SEC-HPLC.
<b>Sequence</b>	TGADTEAVVCGVTACYTAHSGKLSAAEAQNHCNQNNGGNLATVKSKEEAQHV QRVLAQLLRREAALTARMSKFWIGLQREKKGKCLDPSLPLKGFVWGGGEDTP YSNWHKELRNISCISKRCVSLLLDLSQPLLPSRLPKWSEGPCGSPGSPGSPG FVCKFSFKGMCRPLALGGPGQVYTYTTPFQTTSSSLEAVPFASAANVACGED KDETQSHYFLCKEKAPDVFDFWSSGPLCVSPKYGCNFNNGGCHQDCFEGG DGSFLCGCRPGFRLLDDLVTASRNPCSSSPCRGGATCVLGPBGKNYTCRC PQGYQLDSSQLDCVDVDECQDSPAQECVNTPPGGFRCECWVGYEPGGPGE GACQDVDECALGRSPCAQGCTNTDGSFHCSC EEGYVLAGEDGTQCQDVDE CVGPGGPLCDSLCFNTQGSFHCGLPGWVLPNGVVSCTMGPVSLGPPSGPP DEEDKGEKEGSTVPRAATASPTRGPEGTPKATPTTSRPSLSSDAPITSAPLKM LAPSGSPGVWREPSIHHATAASGPQEPAGGDSSVATQNNNDGTDGQK
<b>Source</b>	Mammalian cell
<b>Target Names</b>	CD93
<b>Expression Region</b>	22-580aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	C-terminal 10xHis-tagged



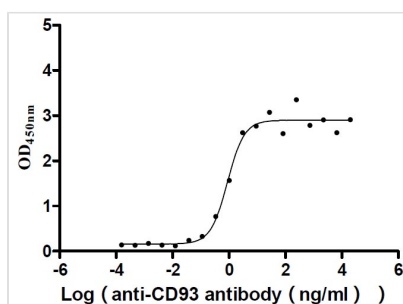
**Mol. Weight** 60.1 kDa

**Protein Length** Partial

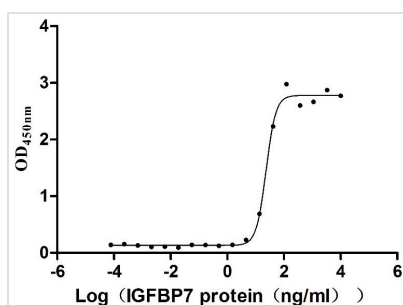
**Image**



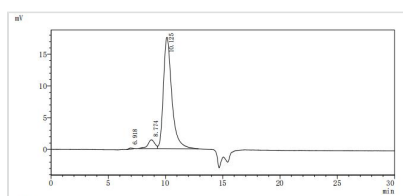
(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



**Activity**  
Measured by its binding ability in a functional ELISA. Immobilized Human CD93 at 2  $\mu\text{g/ml}$  can bind Anti-CD93 recombinant antibody (CSB-RA865099MA1HU), the  $\text{EC}_{50}$  is 0.6639-1.173 ng/mL.



**Activity**  
Measured by its binding ability in a functional ELISA. Immobilized Human CD93 at 2  $\mu\text{g/ml}$  can bind Human IGFBP7 (CSB-MP620956HUd9), the  $\text{EC}_{50}$  is 20.34-26.92 ng/mL.



The purity of CD93 was greater than 90% as determined by SEC-HPLC

**Endotoxin** Less than 1.0 EU/ $\mu\text{g}$  as determined by LAL method.

**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  $-20^{\circ}\text{C}/-80^{\circ}\text{C}$ . Our default final concentration of glycerol is 50%. Customers could use it as reference.

**Shelf Life** The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.