



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

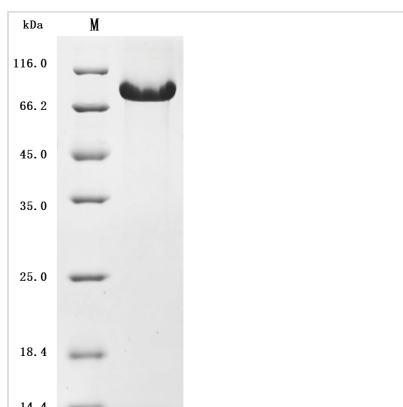
Product Code	CSB-MP865099HU
Abbreviation	Recombinant Human CD93 protein, partial (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C.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



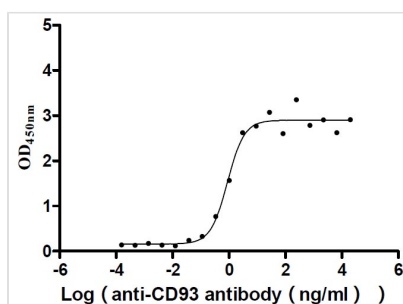
Mol. Weight 60.1 kDa

Protein Length Partial

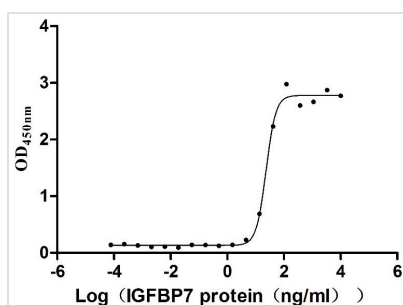
Image



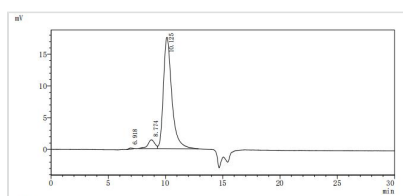
(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Activity
Measured by its binding ability in a functional ELISA. Immobilized Human CD93 at 2 μg/ml can bind Anti-CD93 recombinant antibody (CSB-RA865099MA1HU), the EC₅₀ is 0.6639-1.173 ng/mL.



Activity
Measured by its binding ability in a functional ELISA. Immobilized Human CD93 at 2 μg/ml can bind Human IGFBP7 (CSB-MP620956HUd9), the EC₅₀ 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/ug 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°C/-80°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.