

Recombinant Mouse Cd55 protein(Met1-Thr361), His-tagged

Cat. No. Cd55-6893M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CD55 (Q61475) (Met 1-Thr 361) was expressed in HEK293, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Thr361
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant mouse CD55 comprises 338 amino acids and has a calculated molecular mass of 37.2 kDa. As a result of glycosylation, the apparent molecular mass of rmCD55 is approximately 60 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 92 % 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.

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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 Cd55 CD55 antigen [Mus musculus]

Official Symbol Cd55

Synonyms

CD55; CD55 antigen; complement decay-accelerating factor, GPI-anchored; Cromer blood group; GPI anchor addition signal; decay accelerating factor 1; complement-glycosylphosphatidylinositol; Daf; Daf1; Daf-GPI; GPI-DAF;

Gene ID 13136

mRNA Refseq NM_010016

Protein Refseq NP_034146

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