

Recombinant Rat Cd55 protein(Met1-Ser371), hFc-tagged

Cat. No. Cd55-7485R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat CD55 (Q9Z0M0) (Met1-Ser371) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-371 a.a.
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 recombinant rat CD55/Fc is a disulfide-linked homodimer. The reduced monomer comprises 578 amino acids and has a predicted molecular mass of 64.5 kDa. The apparent molecular mass of the protein is approximately 91 and 54 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 82 % 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 molecule [Rattus norvegicus]

Official Symbol Cd55

Synonyms

CD55; Cd55 molecule; decay accelerating factor 1; CD55 antigen; decay-accelarating factor; decay accelarating factor 1; decay accelerating factor GPI-form; glycosylphosphatidylinositol-anchored form; Daf; Daf1;

Gene ID 64036

mRNA Refseq NM_022269

Protein Refseq NP_071605

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