

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

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat CD55 (Q9Z0M0) (Met1-Ser371) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-371 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 82 % as determined by SDS-PAGE
<b>Storage</b>	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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