# Rat CD55/DAF (Fc Tag) recombinant protein

Catalog Number: 500521



## **General Information**

### **Gene Name Synonym**

Decay accelerating factor 1, isoform CRA\_a; Decay accelerating factor GPI-form; Protein Cd55

#### **Protein Construction**

A DNA sequence encoding the rat CD55 (Q9Z0M0) (Met1-Ser371) was expressed, fused with the Fc region of human IgG1 at the C-terminus.

# **Organism**

Rat

# **Expression Host**

**Human Cells** 

# **QC** Testing

### **Purity**

> 82 % as determined by SDS-PAGE

#### **Endotoxin**

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

#### **Stability**

Samples are stable for up to twelve months from date of receipt at -70°C

#### Predicted N terminal

Asp 35

#### **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.

#### **Formulation**

Lyophilized from sterile PBS, pH 7.4

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

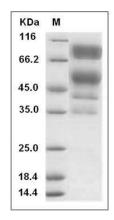
# **Storage**

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.

#### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**



Rat CD55 / DAF Protein (Fc Tag) SDS-PAGE