

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 μg 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

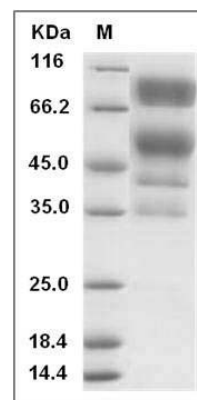
Storage

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