

Mouse Adipsin/Complement Factor D (His Tag) recombinant protein



Catalog Number: 500900

General Information

Gene Name Synonym

28 kDa adipocyte protein; Adipsin; C3 convertase activator; Properdin factor D

Protein Construction

A DNA sequence encoding the full length of mouse CFD isoform 2 (P03953-2) (Met 1-Ser 258) was expressed, with a polyhistidine tag at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 98 % 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

Gln 20

Molecular Mass

The recombinant mouse CFD consists of 249

amino acids and has a predicted molecular mass of 27.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm CFD is approximately 40-45 kDa due to glycosylation.

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

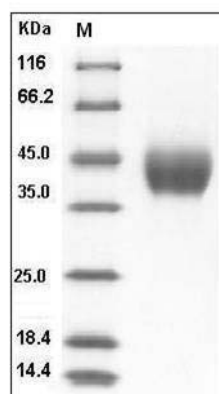
Storage

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



Mouse Adipsin / Complement Factor D / CFD Protein (His Tag) SDS-PAGE