

# 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  $\mu$ 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

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

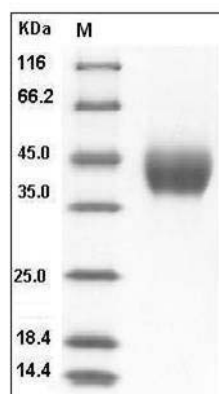
### Storage

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