

# Mouse CD3d/CD3 delta (Fc Tag) recombinant protein



Catalog Number: 503457

## General Information

### Gene Name Synonym

T-cell receptor T3 delta chain

### Protein Construction

A DNA sequence encoding the mouse CD3D (P04235) (Met1-Ala105) was expressed, fused with the Fc region of human IgG1 at the C-terminus.

### Organism

Mouse

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % 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

Phe 22

### Molecular Mass

The recombinant mouse CD3D/Fc is a disulfide-linked homodimer. The reduced monomer

comprises 325 amino acids and has a predicted molecular mass of 36.4 kDa. The apparent molecular mass of the protein is approximately 44-48 kDa in SDS-PAGE under reducing conditions 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

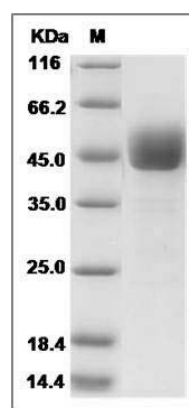
### Storage

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 CD3d / CD3 delta Protein (Fc Tag) SDS-PAGE