

Mouse CD3E & CD3G Heterodimer (Fc Tag) recombinant protein



Catalog Number: 504393

General Information

Protein Construction

A DNA sequence encoding the extracellular domain (Met1-Asp108) of mouse CD3E (NP_031674.1) was fused with the Fc region of human IgG1 at the C-terminus, constructed the plasmid 1; A DNA sequence encoding the extracellular domain (Met1-Ser116) of mouse CD3G (NP_033980.1) was fused with the Fc region of human IgG1 at the C-terminus, constructed the plasmid 2. The two plasmids were co-expressed and the mouse CD3E/CD3G heterodimer was purified.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> (9.1+76.7+7.8) % as determined by SDS-PAGE.

Endotoxin

< 1.0 EU per μg 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

Asp23 & Gln23

Molecular Mass

The recombinant mouse CD3E&CD3G consists of (329+335) amino acids and predicts a molecular mass of (37.2+ 37.3) kDa.

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

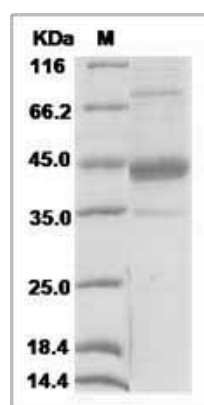
Storage

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



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