

Mouse CD3E & CD3G Heterodimer Protein (Fc Tag)

Catalog Number: CT061-M02H



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

AI504783; CD3; CD3epsilon; T3e

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.

Source: Mouse

Expression Host: HEK293 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.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

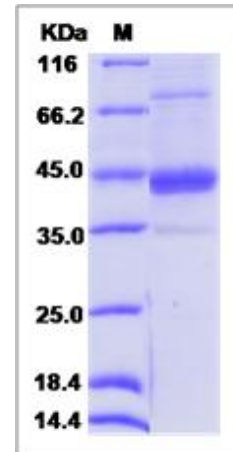
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



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