

Mouse CD137 / 4-1BB (Fc Tag) recombinant protein



Catalog Number: 502435

General Information

Gene Name Synonym

Tumor necrosis factor receptor superfamily member 9; Tumor necrosis factor receptor superfamily, member 9

Protein Construction

A DNA sequence encoding the mouse TNFRSF9 (NP_001070976.1) (Met 1-Leu 211) was fused with the Fc region of human IgG1 at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA.

Immobilized mouse His-TNFSF9 (Cat:500783) at 10 µg/ml (100 µl/well) can bind mouse TNFRSF9-Fc, The EC₅₀ of mouse TNFRSF9-Fc is 12.0-29.0 ng/ml.

Purity

> 90 % 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

Val 24

Molecular Mass

The secreted recombinant mouse TNFRSF9/Fc is a disulfide-linked homodimer. The reduced monomer comprises 429 amino acids and has a calculated molecular mass of 47 kDa. As a result of glycosylation, the apparent molecular mass of the monomer is approximately 65-75 kDa in SDS-PAGE under reducing conditions.

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

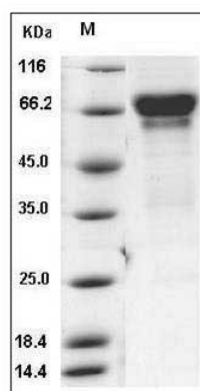
Storage

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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SDS-PAGE