Mouse TNFR1/CD120a/TNFRSF1A (Fc Tag) recombinant protein

Catalog Number: 504648

General Information

Protein Construction

A DNA sequence encoding the mouse TNFRSF1A (NP_ 035739.2) extracellular domain (Met 1-Ala 212) was fused with the Fc region of human IgG1 at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Immobilized mouse TNFa (80-235) (Cat:500439) at 10 μg/ml (100 μl/well) can bind mouse TNFRSF1A-Fc, The EC_{50} of mouse TNFRSF1A-Fc is 0.03-0.07 μg/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℃

Predicted N terminal

Leu 30

Molecular Mass

The secreted recombinant mouse TNFRSF1A/Fc is a disulfide-linked homodimer. The reduced monomer consists of 424 amino acids and has a predicted molecular mass of 47.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm TNFRSF1A/Fc monomer is approximately 55 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

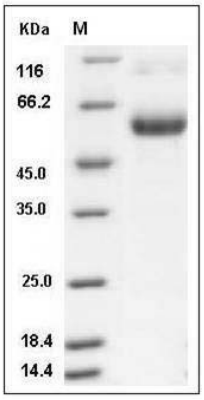
Storage

Store it under sterile conditions at -20℃ to -80℃. 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 TNFR1 / CD120a / TNFRSF1A Protein (Fc Tag) SDS-PAGE