Mouse 4-1BBL / CD137L (His Tag) recombinant protein

Catalog Number: 500783

General Information

Gene Name Synonym

4-1BB ligand

Protein Construction

A DNA sequence encoding the extracellular domain (Arg 104-Glu 309) of mouse TNFSF9 (NP_033430.1) precursor was expressed with a N-terminal polyhistidine tag.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA. Immobilized recombinant mouse 4-1BB Ligand at 20 μg/ml (100ul/well) can bind human 4-1BB with a linear range of 15.6-500 ng/ml.

Purity

> 97 % 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

His

Molecular Mass

The secreted recombinant mouse TNFSF9 consists of 222 amino acids and has a calculated molecular mass of 25 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 40-45 kDa protein 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

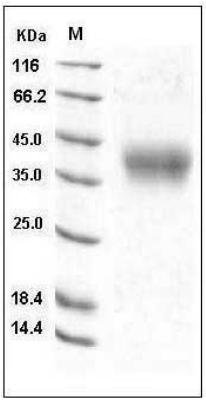
Storage

Store it under sterile conditions at -20℃ 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 4-1BBL / CD137L / TNFSF9 Protein (His Tag) SDS-PAGE