Mouse 4-1BBL / CD137L / TNFSF9 Protein (His Tag)

Catalog Number: 50067-M07H

General Information

Gene Name Synonym:
4-1BB-L; 4-1BBL; A1848817; Cd137l; Ly63l

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.

Source: Mouse
Expression Host: HEK293 Cells

QC Testing

Purity: > 97 % as determined by SDS-PAGE

Bio 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 .

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

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 ℃ to -80 ℃ 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.

References


SDS-PAGE:

[Image of SDS-PAGE result showing protein bands]

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