

Human CD137 / 4-1BB (His Tag) recombinant protein



Catalog Number: 504070

General Information

Gene Name Synonym

4-1BB ligand receptor; CDw137; T-cell antigen 4-1BB homolog; T-cell antigen ILA

Protein Construction

A DNA sequence encoding the human 4-1BB extracellular domain (NP_001552.2) (Met 1-Gln 186) was fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 85 % 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

Leu 24

Molecular Mass

The recombinant human 4-1BB consists of 174

amino acids and has a calculated molecular mass of 18.8 kDa. By SDS-PAGE under reducing conditions, the apparent molecular mass of rh4-1BB is approximately 33-36 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

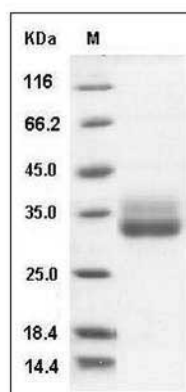
Store it under sterile conditions at -20°C to -80°C .

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



Human CD137 / 4-1BB / TNFRSF9 Protein (His Tag) SDS-PAGE