MOUSE 4-1BB PROTEIN, HFC TAG

Cat.#: 12131

Product Name: Mouse 4-1BB Protein

Size : 10 μg, 50 μg and 100 μg

Synonyms: 4-1BB;A930040I11Rik;AA408498;AI325004;Cd137;CDw137;ILA;Ly63

Target: 4-1BB

UNIPROT ID: P20334

Description: Recombinant mouse 4-1BB protein with C-terminal human Fc tag

Background: Cytokine that binds to TNFRSF9. Induces the proliferation of activated peripheral blood T-cells. May have a role in activation-induced cell death (AICD). May play a role in cognate interactions between T-cells and B-cells/macrophages.[UniProtKB/Swiss-Prot Function]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 43.7 kDa after removal of the signal peptide.The apparent molecular mass of m4-1BB-hFc is approximately 55-70 kDa due to glycosylation.

Molecular Characterization: Mouse 4-1BB(Val24-Leu187) hFc(Glu99-Ala330)

Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

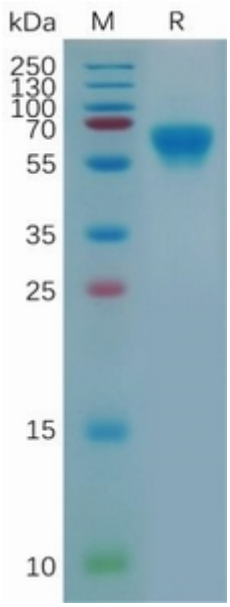

Figure 1. Mouse 4-1BB Protein, hFc Tag on SDS-PAGE under reducing condition.