

**MOUSE 4-1BB LIGAND PROTEIN, HFC TAG**

**Cat.#:** 12195

**Product Name:** Mouse 4-1BB Ligand Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** Tnfsf9

**Target:** 4-1BB Ligand

**UNIPROT ID:** P41274

**Description:** Recombinant mouse 4-1BB Ligand protein with N-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 49.1 kDa after removal of the signal peptide. The apparent molecular mass of hFc-m4-1BB Ligand is approximately 55-70 kDa due to glycosylation.

**Molecular Characterization:** hFc(Glu99-Ala330) Mouse 4-1BB Ligand(Arg104-Glu309)

**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.

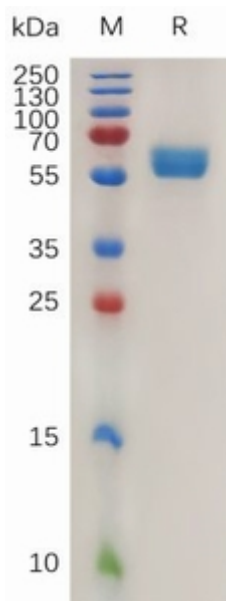


Figure 1. Mouse 4-1BB Ligand Protein, hFc Tag on SDS-PAGE under reducing condition.