MOUSE TNFRSF10B PROTEIN, HFC TAG

Cat.#: 12181

Product Name: Mouse TNFRSF10B Protein

Size : 10 μg, 50 μg and 100 μg

Synonyms: Death receptor 5;MK;CD262

Target: TNFRSF10B

UNIPROT ID: Q9QZM4

Description: Recombinant mouse TNFRSF10B protein with C-terminal human Fc tag

Background: The protein encoded by this gene is a member of the TNF-receptor superfamily, and contains an intracellular death domain. This receptor can be activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL/APO-2L), and transduces an apoptosis signal. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. Two transcript variants encoding different isoforms and one non-coding transcript have been found for this gene.

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 40.3 kDa after removal of the signal peptide. The apparent molecular mass of mTNFRSF10B-hFc is approximately 40-55 kDa due to glycosylation.

Molecular Characterization: Mouse TNFRSF10B(Asn53-Lys180) 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.

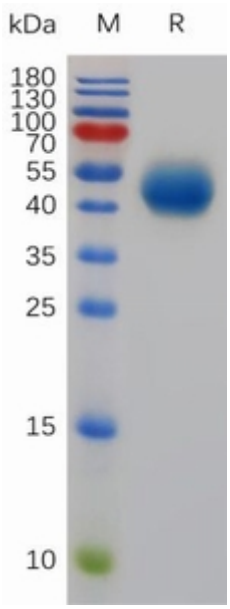

Figure 1. Mouse TNFRSF10B Protein, hFc Tag on SDS-PAGE under reducing condition.