HUMAN TNFRSF10B PROTEIN, MFC TAG

Cat.#: 11277
Product Name: Human TNFRSF10B Protein
Size : 10 µg, 50 µg and 100 µg
Synonyms: TNFRSF10B;RAILR2;RAIL-R2;D262;R5;ILLER;RICK2;TNFR9;RICKB
Target: TNFRSF10B
UNIPROT ID: O14763
Description: Recombinant human TNFRSF10B protein with C-terminal 6xHis 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 40.5 kDa after removal of the signal peptide.
Molecular Characterization: TNFRSF10B (Ile56-Glu186) mFc(Pro99-Lys330)
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.

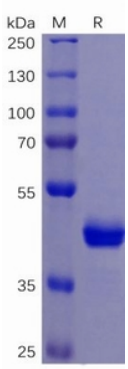

Figure 1. Human TNFRSF10B Protein, mFc Tag on SDS-PAGE under reducing condition.

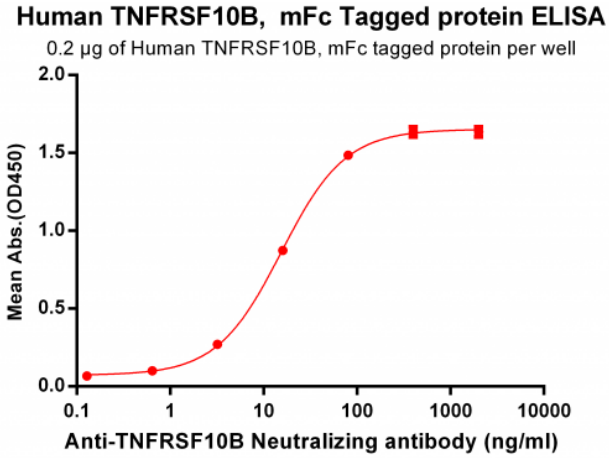

Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human TNFRSF10B, mFc tagged protein (11277) can bind Anti-TNFRSF10B Neutralizing antibody 28041 in a linear range of 3.2-80 ng/ml.