

PRODUCT INFORMATION

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|---|---|
| Target | TNFRSF10B |
| Synonyms | TNFRSF10B;TRAILR2;TRAIL-R2;CD262;DR5;KILLER;TRICK2;ZTNFR9;TRICKB |
| Description | Recombinant human TNFRSF10B protein with C-terminal mouse Fc tag |
| Delivery | In Stock |
| Uniprot ID | O14763 |
| Expression Host | HEK293 |
| Tag | C-Mouse Fc Tag |
| Molecular Characterization | TNFRSF10B (Ile56-Glu182) mFc(Pro99-Lys330) |
| Molecular Weight | The protein has a predicted molecular mass of 40.5 kDa after removal of the signal peptide. |
| Purity | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| 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. |
| 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. |
| Usage | Research use only |
| Conjugate | Unconjugated |



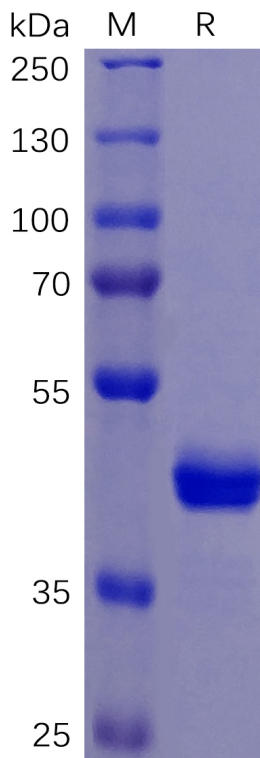


Figure 1. Human TNFRSF10B Protein, mFc Tag on SDS-PAGE under reducing condition.

Human TNFRSF10B, mFc Tagged protein ELISA

0.2 μ g of Human TNFRSF10B, mFc tagged protein per well

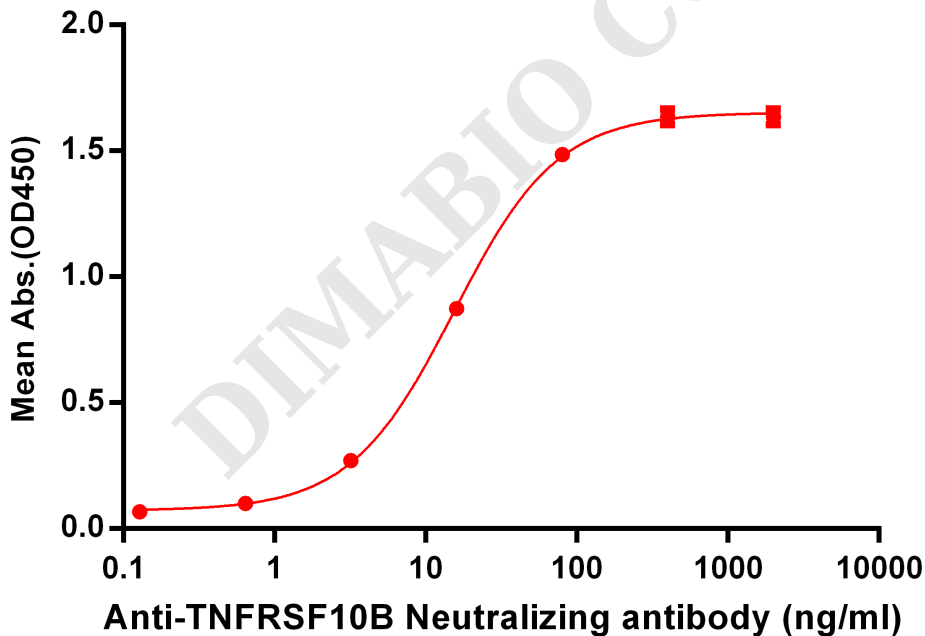


Figure 2. ELISA plate pre-coated by 2 μ g/ml (100 μ l/well) Human TNFRSF10B, mFc tagged protein (PME100465) can bind Anti-TNFRSF10B Neutralizing antibody ([getskuurl sku="BME100032"]) in a linear range of 3.2-80 ng/ml.

