

**PRODUCT INFORMATION**

<b>Target</b>	TNFRSF10B
<b>Synonyms</b>	TNFRSF10B;TRAILR2;TRAIL-R2;CD262;DR5;KILLER;TRICK2;ZTNFR9;TRICKB
<b>Description</b>	Recombinant human TNFRSF10B protein with C-terminal mouse Fc tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	O14763
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-Mouse Fc Tag
<b>Molecular Characterization</b>	TNFRSF10B (Ile56-Glu182) mFc(Pro99-Lys330)
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 40.5 kDa after removal of the signal peptide.
<b>Purity</b>	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	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.
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	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.
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



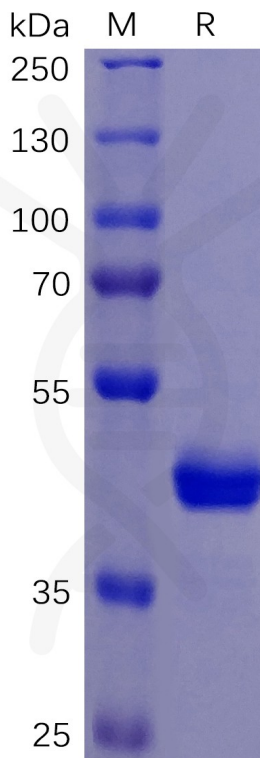


Figure 1. Human TNFRSF10B Protein, mFc Tag on SDS-PAGE under reducing condition.

## Human TNFRSF10B, mFc Tagged protein ELISA

0.2  $\mu$ g of Human TNFRSF10B, mFc tagged protein per well

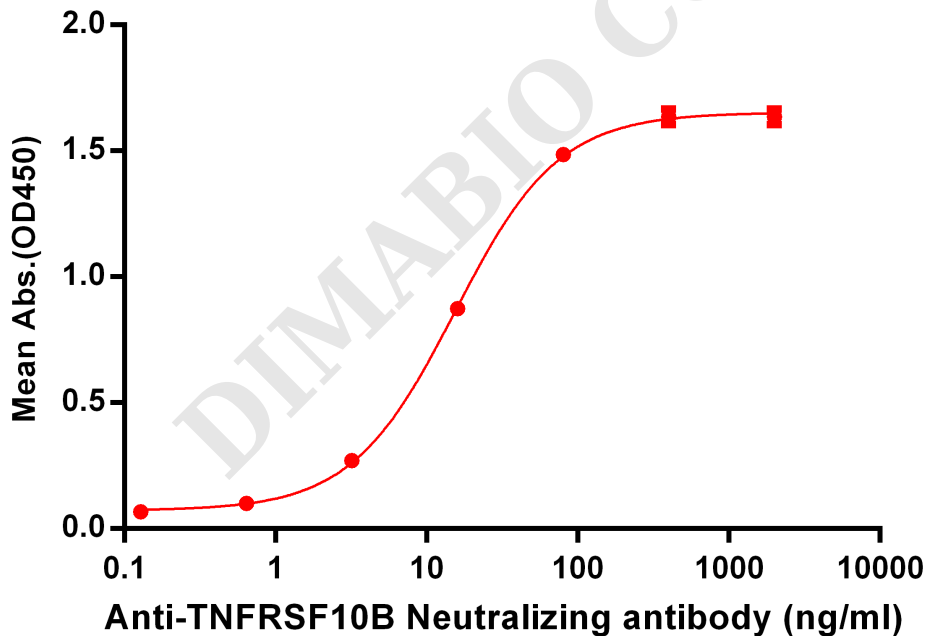


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/ml (100  $\mu$ l/well) Human TNFRSF10B, mFc tagged protein (PME100465) can bind Anti-TNFRSF10B Neutralizing antibody ([getskuurl sku="BME100032"]) in a linear range of 3.2-80 ng/ml.

