PRODUCT INFORMATION

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

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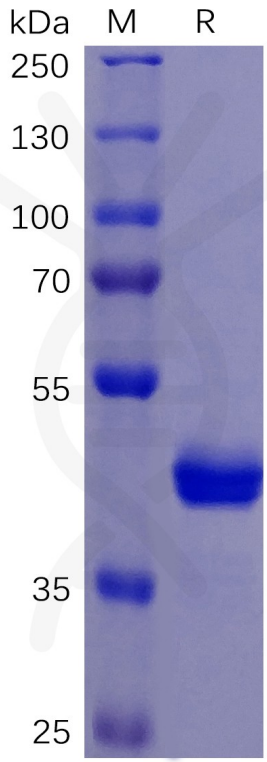


Figure 1. Human TNFRSF10B Protein, mFc Tag on SDS-PAGE under reducing condition.

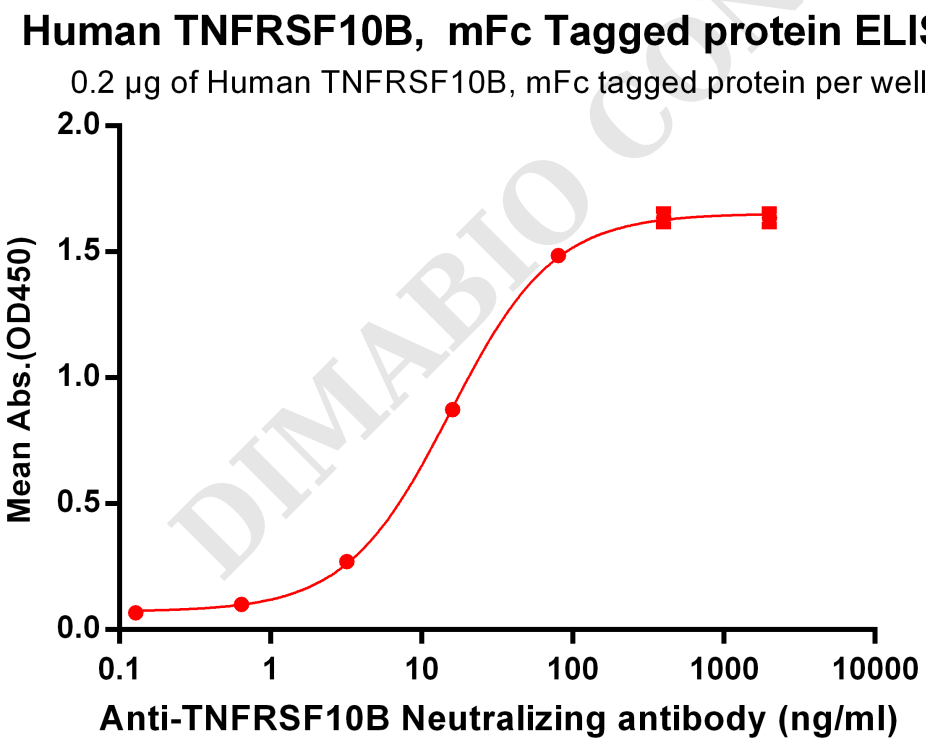


Figure 2.ELISA plate pre-coated by 2 μg/ml (100 μl/well) Human TNFRSF10B, mFc tagged protein (PME100465) can bind Anti-TNFRSF10B Neutralizing antibody ([getskuurl sku="BME100032"]) in a linear range of 3.2-80 ng/ml.

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