

Datasheet for ABIN6961152

TNFRSF10B Protein (mFc Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TNFRSF10B
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF10B protein is labelled with mFc Tag.
Application:	ELISA

Product Details

Purpose:	Recombinant human TNFRSF10B protein with C-terminal 6xHis tag
Specificity:	TNFRSF10B (Ile56-Glu186) mFc (Pro99-Lys330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	TNFRSF10B
Alternative Name:	TNFRSF10B (TNFRSF10B Products)
Background:	Synonyms: TNFRSF10B, TRAILR2, TRAIL-R2, CD262, DR5, KILLER, TRICK2, ZTNFR9, TRICKB

Target Details

Description: 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.

Molecular Weight: predicted molecular mass of 40.5 kDa after removal of the signal peptide.

Gene ID: 8795

UniProt: [014763](#)

Pathways: [p53 Signaling](#), [Apoptosis](#), [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

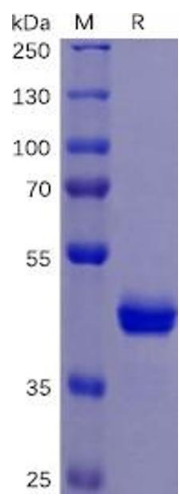
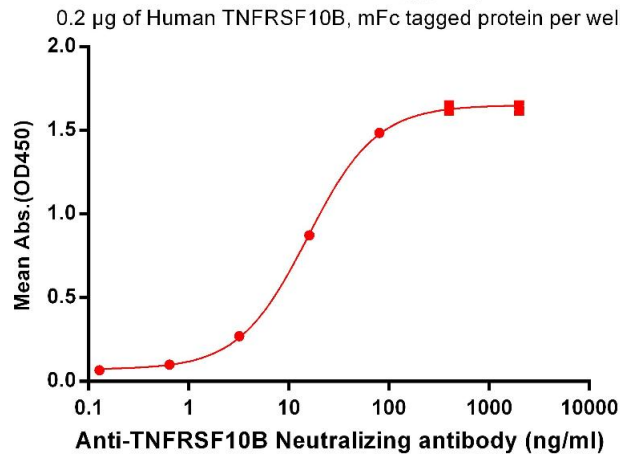
Preservative: Without preservative

Storage: -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months

Human TNFRSF10B, mFc Tagged protein ELISA



ELISA

Image 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human TNFRSF10B, mFc tagged protein (ABIN6961152) can bind Anti-TNFRSF10B Neutralizing antibody in a linear range of 3.2-80 ng/mL.

SDS-PAGE

Image 2. Human TNFRSF10B Protein, mFc Tag on SDS-PAGE under reducing condition.