

Product datasheet for **TP724002**

DR5 (TNFRSF10B) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Human TNFRSF10B Protein, mFc Tag
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	TNFRSF10B [Ile56-Glu186]+mFc[Pro99-Lys330]
Tag:	C-Mouse Fc
Predicted MW:	40.5 kDa
Purity:	> 95%
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization
Reconstitution Method:	Reconstitute with deionized water
Preparation:	Affinity purification
Storage:	Store the lyophilized protein at -20°C. After reconstitution, store the protein at -80°C for 12 months. Avoid repeated freezing and thawing.
Stability:	12 months from date of despatch
Locus ID:	8795
UniProt ID:	O14763
Summary:	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.



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Product images:

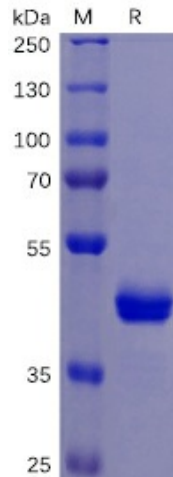


Figure 1. Human TNFRSF10B Protein, mFc Tag on SDS-PAGE under reducing condition.

Human TNFRSF10B, mFc Tagged protein ELISA

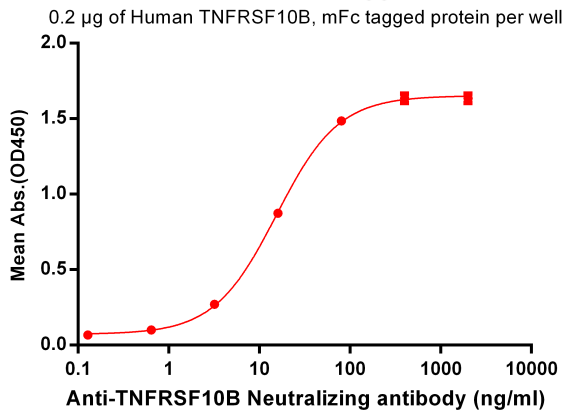


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human TNFRSF10B, mFc tagged protein (TP724002) can bind Anti-TNFRSF10B Neutralizing antibody (BME100032) in a linear range of 3.2-80 ng/ml.