

Product datasheet for **TP727948**

DR5 (TNFRSF10B) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human TRAIL R2/TNFRSF10B/DR5/CD262 (C-Fc-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ile56-Glu182
Tag:	C-Fc&His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Note:	Recombinant Human TNF-Related Apoptosis-Inducing Ligand Receptor 2 is produced by our Mammalian expression system and the target gene encoding Ile56-Glu182 is expressed with a Fc, 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	8795
UniProt ID:	Q14763
Summary:	TNFRSF10B 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 apoptosis signal. The adapter molecule FADD recruits caspase-8 to the activated receptor and is required for the apoptosis mediated by TNFRSF10B. TNFRSF10B is expressed in a number of cell types, and to particularly high levels in lymphocytes and spleen. This single-pass transmembrane protein contains two cysteine-rich repeat units in its extracellular region, followed by a transmembrane segment and a cytoplasmic tail containing a typical "death domain". TNFRSF10B expression is regulated by the tumor suppressor p53. It is also indicated that the activation of NF-kappa-B can be promoted by TNFRSF10B.



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