

Product datasheet for **TP727214**

Tnfrsf10b Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse TRAIL R2/TNFRSF10B/DR5/CD262 (C-Fc)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Asn53-Ser177
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Note:	Recombinant Mouse TNF-Related Apoptosis-Inducing Ligand Receptor 2 is produced by our Mammalian expression system and the target gene encoding Asn53-Ser177 is expressed with a Fc tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	21933
UniProt ID:	Q9QZM4
Summary:	Mouse tumor necrosis factor receptor superfamily member 10B (TNFRSF10B) is a member of the TNFR family which contains 1 death domain and 3 TNFR-Cys repeats. TNFRSF10B exhibits high structural and functional homology to TRAIL-R1 (DR-4). TNFRSF10B is highly expressed in heart, lung, lymphocytes, spleen and kidney. In addition, it is regulated by the tumor suppressor p53. TNFRSF10B is the receptor for the cytotoxic ligand TNFSF10/TRAIL. It promotes the activation of NF-kappa-B and is essential for ER stress-induced apoptosis. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases mediating apoptosis.



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