

## Product datasheet for **TP727751**

### **DcR2 (TNFRSF10D) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant Human TRAIL R4/TNFRSF10D/CD264 (C-Fc)
<b>Species:</b>	Human
<b>Expression cDNA Clone or AA Sequence:</b>	Ala56-His211
<b>Tag:</b>	C-Fc
<b>Buffer:</b>	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
<b>Note:</b>	Recombinant Human Tumor Necrosis Factor Receptor Superfamily Member 10D is produced by our Mammalian expression system and the target gene encoding Ala56-His211 is expressed with a Fc tag at the C-terminus.
<b>Storage:</b>	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Stability:</b>	12 months from date of despatch
<b>Locus ID:</b>	8793
<b>UniProt ID:</b>	<a href="#">Q9UBN6</a>
<b>Synonyms:</b>	Tumor necrosis factor receptor superfamily member 10D; Decoy receptor 2; DcR2; TNF-related apoptosis-inducing ligand receptor 4; TRAIL receptor 4; TRAIL-R4; TRAIL receptor with a truncated death domain; CD264; TNFRSF10D; DCR2; TRAILR4; TRUND
<b>Summary:</b>	Human TRAIL R4 is a type 1, TNF R family membrane protein, which is a receptor for TRAIL (APO2 ligand). TRAIL R4 contains an extracellular TRAIL-binding domain, a transmembrane domain, and a truncated cytoplasmic death domain. In the new TNF superfamily nomenclature, TRAIL R4 is referred to as TNFRSF10D. TRAIL R4 is unique among the TRAIL receptors in that its cytoplasmic domain contains a truncated consensus death domain motif. Binding of TRAIL R4 does not result in an apoptotic signal. Overexpression of TRAIL R4 can protect cells bearing TRAIL R1 and/or TRAIL R2 from TRAIL mediated apoptosis. The human soluble TRAIL R4/Fc chimera neutralizes the ability of TRAIL to induce apoptosis.
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	Apoptosis, Cytokine-cytokine receptor interaction, Natural killer cell mediated cytotoxicity



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