TNFRSF10D
Synthetic Human TRAILR3/DCR1 (aa 111-123)(ED2) Blocking Peptide

Catalog No.	PX058BP	**Quantity:**	50 µg

Alternate Names: UNQ251/PRO288, CD264, DCR2, TRAILR4, TRUNDD, tumor necrosis factor receptor superfamily member 10D, TRAIL-R4, TRAIL receptor 4, decoy receptor 2, decoy with truncated death domain, TNF receptor-related receptor for TRAIL, TRAIL receptor with a truncated death domain, TNF-related apoptosis-inducing ligand receptor 4

Description: Amino acids 249 to 263 of human DcR2.

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contains an extracellular TRAIL-binding domain and a transmembrane domain, but no cytoplasmic death domain. This receptor is not capable of inducing apoptosis, and is thought to function as an antagonistic receptor that protects cells from TRAIL-induced apoptosis. This gene was found to be a p53-regulated DNA damage-inducible gene. The expression of this gene was detected in many normal tissues but not in most cancer cell lines, which may explain the specific sensitivity of cancer cells to the apoptosis-inducing activity of TRAIL.

Gene ID: 8793

Application: The peptide is used for blocking the activity of anti-DcR2. The peptide with equal volume of antibody for 30 min at 37°C usually completely blocks the antibody activity in Western blotting.

Formulation: It is supplied as 200 µg/ml, 50 µg/vial , in PBS pH7.2 (10 mM NaH_2PO_4, 10 mM, Na_2HPO_4, 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide.. **Precaution:** Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.

Sequence: GGPERVHRVLFRRRS

Storage & Stability: Store at -20°C, stable for one year.

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