

TNFRSF10C

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

Catalog No. PX055BP **Quantity:** 50 µg

Alternate Names: UNQ321/PRO366, CD263, DCR1, LIT, MGC149501, MGC149502, TRAILR3, TRID, tumor necrosis factor receptor superfamily member 10C, TRAIL-R3, TRAIL receptor 3, decoy receptor 1, TNF related TRAIL receptor, lymphocyte inhibitor of TRAIL, decoy without an intracellular domain, decoy TRAIL receptor without death domain, antagonist decoy receptor for TRAIL/Apo-2L, TRAIL receptor without an intracellular domain, TNF related apoptosis-inducing ligand receptor 3, TNF-related apoptosis-inducing ligand receptor 3

Description: Amino acids 111 to 123 at extracellular domain of human DcR1 precursor.

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: 8794

Application: The peptide is used for blocking the antibody activity of DcR1. 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 NaH₂PO₄, 10 mM, Na₂HPO₄, 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: NH₂-CKEGTFRNENSPE-OH

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

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.