TNFSF10
Synthetic Human TRAIL/APO2L (aa 261-277)(CT) Blocking Peptide

Catalog No.	PX065BP	**Quantity:**	50 µg

Alternate Names: APO2L, Apo-2L, CD253, TL2, TRAIL, tumor necrosis factor ligand superfamily member 10, Apo-2 ligand, TNF-related apoptosis-inducing ligand, TNF-related apoptosis inducing ligand TRAIL, tumor necrosis factor (ligand) family, member 10, tumor necrosis factor apoptosis-inducing ligand splice variant delta

Description: Amino acids 261 to 277 of human TRAIL.

The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein preferentially induces apoptosis in transformed and tumor cells, but does not appear to kill normal cells although it is expressed at a significant level in most normal tissues. This protein binds to several members of TNF receptor superfamily including TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4, and possibly also to TNFRSF11B/OPG. The activity of this protein may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4, and TNFRSF11B/OPG that cannot induce apoptosis. The binding of this protein to its receptors has been shown to trigger the activation of MAPK8/JNK, caspase 8, and caspase 3. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Gene ID: 8743

Application: The peptide is used for blocking the activity of anti-TRAIL. 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: CTNEHLIDMDHEASFFGA

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

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