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TNFRSF10B Human, Sf9

Application : Functional Assay

Alternative Name : TNFRSF10B, CD262, DR5, KILLER, KILLER/DR5, TRAIL-R2, TRAILR2, TRICK2, TRICK2A, TRICK2B, TRICKB, ZTNFR9, Death receptor 5, TNF-related apoptosis-inducing ligand receptor 2.

Description

Source: Sf9, Insect cells.Sterile Filtered colorless solution.TRAIL Receptor-1 (DR4) and TRAIL Receptor-2(DR5) are members of the TNFR superfamily of transmembrane proteins and contain a cytoplasmic "death domain", which is capable of activating the cell's apoptotic machinery. These receptors are activated by binding to either membrane anchored or soluble TRAIL/Apo2L.TNFRSF10B produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 394 amino acids (56-210a.a.) and having a molecular mass of 43.9kDa. (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).TNFRSF10B is expressed with a 239 amino acid hIgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	10 µg
purification :	Greater than 90% as determined by SDS-PAGE.
Content :	TNFRSF10B protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Application Note

Measured by its ability to inhibit cytotoxicity assay using Jurkat human T lymphocyte. The ED50 for this effect ≤ to 5ng/ml with TRAIL