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32-6576: TNFRSF10D Human

Application :	Functional Assay
Alternative Name :	Tumor necrosis factor receptor superfamily member 10D, CD264, DCR2, TRAIL-R4, TRAILR4, TRUNDD, Decoy receptor 2, TNF-related apoptosis-inducing ligand receptor 4, TRAIL receptor 4, TRAIL receptor with a truncated death domain.Â Â Â Â Â Â

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
TRAIL Receptor-4 Human Recombinant or TNFRSF10D, is part of the TNF-receptor superfamily. TNFRSF10D has atruncated cytoplasmic death domai , an extracellular TRAIL-binding domain and a transmembrane domain. The protein can prevent from TRAIL-mediated apoptosis on cells with TRAIL R1 and/or TRAIL R2.
TNFRSF10D produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 395 amino acids (56-211a.a.) and having a molecular mass of 73.8kDa. (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).TNFRSF10D is expressed with a 239 amino acid hIgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	TNFRSF10D protein solution (0.5mg/ml) contains phosphate buffered saline (pH7.4) 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.
Amino Acid :	ATIPRQDEVP QQTVAPQQQR RSLKEEECPA GSHRSEYTGA CNPCTEGVDY TIASNNLPSC LLCTVCKSGQ TNKSSCTTTR DTVCQCEKGS FQDKNSPEMC RTCRTGCPRG MVKVSNCTPR SDIKCKNESA ASSTGKTPAA EETVTTILGM LASPYHVEPK SCDKTHTCPP CPAPELLGGPSVFLFPPKPK DTLMISRTPE VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSRDEL TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTTPPVL DSDGSFFLYS KLTVDKSRWQQGNVFSCSVM HEALHNHYTQ KSLSLSPGKH HHHHH.

Application Note

Measured in a neutralizing assay using Jurkat human T lymphocyte. The ED50 for this effect is less or equal to 10 ng/ml in the presence of 2ng/ml TRAIL. ÃÂ