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TRAIL, 114-281 aa, Human, Recombinant, E.coli

产品货号: TP04299

第三版

别名: APO2L, Apo-2 ligand, Tumor necrosis factor ligand superfamily, member 10, TNFSF10, CD253, TL2, TRAIL, Tumor necrosis factor (ligand) superfamily, member 10, TNF-Related Apoptosis Inducing Ligand

描述: TNF-related apoptosis-inducing ligand (TRAIL) belongs to the tumor necrosis factor (TNF) cytokine family and induces rapid apoptosis in a wide variety of tumor cell lines upon binding to the death-signalling receptors on the cell membrane. TRAIL binds to one of four receptors that have been identified in humans, including TRAIL-R1/DR4, TRAIL-R2/KILLER/DR5, TRAIL-R3/DcR1/TRID, and TRAIL-R4/DcR2/TRUNDD. Both DR4 and DR5 are pro-apoptotic receptors, which contain a cytoplasmic death domain and mediate apoptosis on binding to TRAIL. By contrast, TRID and TRUNDD do not contain a cytoplasmic death domain and block the function of TRAIL by competing with DR4 and DR5 for binding of TRAIL. Recombinant human TRAIL was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid in 20mM Tris pH 7.5, 300mM NaCl, 0.1mM DTT, 10% glycerol

分子量: 23 kDa (211 aa)

序列:

MVRERGPQRVAAHITGTRGRSNTLSSPNSKNEKALGRKINSWESSRSGHSFLSNLHLRNGELVIHEKGFYIYSQTYFRFQE
EIKENTKNDKQMVQYIYKYTSYPDPILLMKSARNSCWSKDAEYGLYSIQGGIFELKENDRIFVSVTNEHLIDMDHEASFFG
AFLVG

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.