

CD253/ TNFSF10/ TRAIL, Human, Recombinant

货号 : PCK219

产品信息

别名	Tumor Necrosis Factor Ligand Superfamily Member 10; Apo-2 Ligand; Apo-2L; TNF-Related Apoptosis-Inducing Ligand; Protein TRAIL; CD253; TNFSF10; APO2L; TRAIL
物种	Human
表达宿主	E.coli
序列信息	Arg115-Gly281
检索号	P50591
分子量	19.5 kDa
生物活性	Measured in a cytotoxicity assay using L-929 mouse fibroblast cells in the presence of the metabolic inhibitor actinomycin D. The ED50 for this effect is 1-10 ng/ml.

产品特性

纯度	>95% as determined by reducing SDS-PAGE.
内毒素	<1.0 EU per µg as determined by LAL test.
保存	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
运输	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
制剂	Supplied as a 0.2 µm filtered solution of 40mM Tris-HCl, 300mM NaCl, 5%Trehalose, 5%Mannitol, 0.01%Tween80, 10%Glycerol, pH7.0.



背景介绍

Human TNFSF10 is a type II transmembrane Protein with an intracellular N-terminus and a 'TNF homology domain' (THD) at the extracellular C terminus. TNFSF10 can interact with several distinct Receptors. Two of these Receptors that belongs to TNFR superfamily, DR4 (TRAIL-R1) and DR5 (TRAIL-R2/ TRICK2), are plasma membrane Proteins containing intracellular death domains essential for activating apoptosis. TNFSF10 is promising for cancer therapy because it is cytotoxic and activates apoptosis in the majority of malignant cells, but not in normal cells.

SDS-PAGE

