

CD253/TNFSF10/TRAIL, Human, Recombinant**Cat. No. : GPCK219****产品信息**

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
有效期	6 months
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

内毒素 (EU/μg)	< 0.1
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 40 mM Tris-HCl, 300 mM NaCl, 5% Trehalose, 5% Mannitol, 0.01% Tween80, 10% Glycerol, pH 7.0.

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.

