

TRAIL/TNFSF10/TL2/Apo2L/CD253, Mouse, Recombinant

货号 : PCK313

产品信息

别名	TNFSF10, Apo2 Ligand, TL2, Apo2L, CD253
物种	Mouse
表达宿主	E.coli
序列信息	MPRGGRPQKVAAHITGITRRSNSALIPISKDGKTLGQKIESWESSRKGHSFLN HVLFRNGELVIEQEGLYYIYSQTYFRFQEAEDASKMVSKDKVRTKQLVQYI YKYTSYPDPIVLMKSARNSCWSRDAEYGLYSIYQGGLFELKKNDRIFVSVT NEHMLDLDQEASFFGAFLIN with polyhistidine tag at the C-terminus.
检索号	P50592.1
分子量	21 kDa
标签	His-tag at the C-terminus
生物活性	Measure by its ability to induce cytotoxicity in L929 cells in the presence of actinomycin D. The ED50 for this effect is <1 ng/mL.

产品特性

纯度	>98% as determined by SDS-PAGE. Ni-NTA chromatography
内毒素	<0.1 EU per 1 µg of the protein by the LAL method.
保存	Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution, store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10% FBS, 5% HSA or 5% trehalose solution), protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.
运输	Ambient temperature or ice pack.
制剂	The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 7.4.



复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 $\mu\text{g/mL}$. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

背景介绍

TRAIL acts as a cytotoxic protein, through activating rapid apoptosis in tumor cells (not in normal cells). TRAIL conducts apoptosis through binding to DR4 and DR5, which are two death-signaling receptors belonging to the TNFR superfamily of transmembrane proteins. These receptor contain a cytoplasmic "death domain", which can initiate the cell's apoptotic process.

SDS-PAGE

