

TNF- β /TNFB/ TNFSF1, Mouse, Recombinant

货号 : PCK317

产品信息

别名	TNFSF1B, Lymphotoxin-alpha (LT- α), LTalpha, Ltx, TNF-be, TNFSF1, Tnf, Tnfb, Tnfsf, Tnfsf1b, Tnlgl1e, hlb38, hlb382, lymph
物种	Mouse
表达宿主	E.coli
序列信息	LSGVRFSAARTAHPLPQKHLTHGILKPA AHLVGYP SKQNSLLWRASTDRAF LRHGFSLSNNSLLIPTSGLYFVYSQVVFSGESCSPRAIPTPIYLAHEVQLFSSQ YPFHVPLLSAQKSVYPGLQGPWVRSMYQGA VFLLSKGDQLSTHTDGISHLH FSPSSVFFGAFAL with polyhistidine tag at the N-terminus.
检索号	P09225.1
分子量	19.36 kDa
标签	His-tag at the N-terminus
生物活性	Measure by its ability to induce cytotoxicity in L929 cells in the presence of vactinomycin D. The ED50 for this effect is <30 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 μ g 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 μ m filtered solution containing 1X PBS, pH 8.0.



复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 µg/mL. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

背景介绍

TNF-β works as a potential mediator in the inflammatory and immune process. It is a component of the TNF family of ligands, and signals through TNFR1 and TNFR2. TNF-β is secreted by activated T and B lymphocytes, and has similar function to TNF-α. In the same manner as TNF-α, TNF-β is involved in the regulation of various biological processes, including cell proliferation, differentiation, apoptosis, lipid metabolism, coagulation, and neurotransmission. TNF-β is generally released as a soluble polypeptide. In addition, lymphotoxin-β can anchor TNF-β to the cell surface and form heterotrimers in an effective manner. TNF-β is cytotoxic to a wide range of tumor cells.

SDS-PAGE

