

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, Tnlg1e, hlb38, hlb382, lymph

物种 Mouse

表达宿主 E.coli

序列信息 LSGVRFSAARTAHPLPQKHLTHGILKPAAHLVGYPSKQNSLLWRASTDRAF

LRHGFSLSNNSLLIPTSGLYFVYSQVVFSGESCSPRAIPTPIYLAHEVQLFSSQ YPFHVPLLSAQKSVYPGLQGPWVRSMYQGAVFLLSKGDQLSTHTDGISHLH

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 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

8.0.

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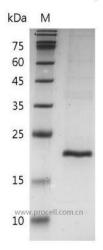
复融

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 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



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