

TNF- α /LTA, 35-205aa, Human, His tag, E.coli

Cat.NO.: TP04239

3th Edition

Synonyms:CLTalpha , Coley's toxin , DIF , Differentiation inducing factor , Hemorrhagic factor , LT , LT alpha , LTA , LTalpha , Lymphotoxin alpha , Lymphotoxin alpha (TNF superfamily, member 1) , Natural killer cytotoxic factor , Necrosin , NKCF

Description:TNF beta, a member of the tumor necrosis factor family, is a cytokine produced by lymphocytes. The protein is highly inducible, secreted, and forms heterotrimers with lymphotoxin-beta which anchor lymphotoxin-alpha to the cell surface. This protein also mediates a large variety of inflammatory, immunostimulatory, and antiviral responses, is involved in the formation of secondary lymphoid organs during development and plays a role in apoptosis. Recombinant TNF beta protein was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 30% glycerol, 0.1M NaCl, 1mM DTT

Molecular Weight:20.9 kDa (192aa), confirmed by MALDI-TOF.

Sequences:

MGSSHHHHHHSSGLVPRGSHMLPGVGLTPSAAQTARQHPKMHLAHLSTLKPAAHLIGDPSKQNSLLWRANTDRAF
LQDGFSLSNNSLLVPTSGIYFVYSQVVFSGKAYSPKATSSPLYLAHEVQLFSSQYPFHVPLLSSQKMVYPGLQEPW
LHSMYHGAAFQLTQGDQLSTHTDGIPHLVLSPTVFFGAFAL

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.