

Human Recombinant TNF-beta/LTA

CATALOG #:	6376-50	50 µg
ALTERNATE NAMES:	Lymphotoxin alpha, LT, TNFB, TNFSF1.	
SOURCE:	E.Coli	
PURITY:	> 90% by SDS - PAGE	
MOL. WEIGHT:	20.9 kDa (192 aa, 35-205 aa + His-Tag)	
FORMULATION:	0.5 mg/ml solution in 20 mM Tris-HCl buffer (pH 8.0) containing 30% glycerol.	

STORAGE CONDITIONS:

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.

DESCRIPTION:

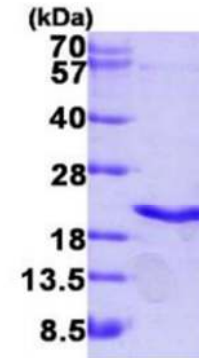
TNF-beta, a member of the tumor necrosis factor family, is a cytokine produced by lymphocytes. It is highly inducible, secreted, and exists as homotrimeric molecule. It forms heterotrimers with lymphotoxin-beta which anchors lymphotoxin-alpha to the cell surface. It mediates a large variety of inflammatory, immunostimulatory, and antiviral responses. It is also involved in the formation of secondary lymphoid organs during development and plays a role in apoptosis.

AMINO ACID SEQUENCE:

MGSSHHHHHH SGLVPRGSH MLPVGLTPS AAQTARQHPK MHLAHLSTLKP
AAHLIGDPSK QNSLLWRANT DRAFLQDGFS LSNNSLLVPT SGIYFVYSQV VFSGKAYSPK
ATSSPLYLAH EVQLFSSQYP FHVPLLSSQK MVYPGLQEPW LHSMYHGAAF
QLTQGDQLST HTDGIPHLVL SPSTVFFGAF AL

BIOLOGICAL ACTIVITY:

Measured in a cytotoxicity assay using L929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D. The ED50 for this effect is <0.3 ng/ml.



15% SDS-PAGE (3ug)

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RELATED PRODUCTS:

- TNF Receptor Associated protein 1 (TRAP1), human recombinant (Cat. No. 7778-10)
- TNF-alpha Antibody (Cat. No. 3052R-100)
- TNF-alpha Antibody (Cat. No. 3054-100)
- TNF-alpha Antibody (Cat. No. 3053R-100)
- TNF-alpha, human recombinant (Cat. No. 1050-10, -50, -1000)
- TNF-alpha, murine recombinant (Cat. No. 1051-10, -50, -1000)
- TNF-alpha, rat recombinant (Cat. No. 1052-10, -50, -1000)
- TNF-beta Antibody (Cat. No. 5345-100)
- TNF-beta, human recombinant (Cat. No. 4345-20, -1000)
- TNF-R1 Antibody (Cat. No. 5348-100)
- TNF-R1 Antibody (Cat. No. 3125-100)
- TNF-R1 Blocking Peptide (Cat. No. 3125BP-50)
- TNF-RII, human recombinant (Cat. No. 4348-20, -1000)

FOR RESEARCH USE ONLY! Not to be used in humans.