

Active Recombinant Human LTA protein

Cat. No. LTA-554H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human LTA protein(P01374)(Leu35-Leu205) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu35-Leu205
Form	Lyophilized from sterile 50mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-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 typically 2-10 pg/mL.
Molecular Mass	The recombinant human TNF β comprises 172 amino acids and predicts a molecular mass of 18.8 kDa as estimated in SDS-PAGE under reducing conditions.
Purity	> 97 % as determined by SDS-PAGE
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	LTA lymphotoxin alpha (TNF superfamily, member 1) [Homo sapiens]
Official Symbol	LTA
Synonyms	LTA; lymphotoxin alpha (TNF superfamily, member 1); TNFB; lymphotoxin-alpha; LT; TNFSF1; LT-alpha; TNF-beta; tumor necrosis factor beta; tumor necrosis factor ligand superfamily member 1;
Gene ID	4049
mRNA Refseq	NM_000595
Protein Refseq	NP_000586
MIM	153440
UniProt ID	P01374

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