

Product datasheet for **TP303741M**

LTA (NM_000595) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human lymphotoxin alpha (TNF superfamily, member 1) (LTA), 100 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC203741 protein sequence
Red=Cloning site **Green**=Tags(s)

MTPPERLFLPRVRGTTLHLLLLGLLLVLPGAQGLPGVGLTPSAAQTARQHPKMHLAHSTLKPA AHLIGD
PSKQNSLLWRANTDRAFLQDGFSLSNNSLLVPTSGIYFVYSQVWFSGKAYSPKATSSPLYLAHEVQLFSS
QYPFHVPLLSSQKMVYPGLQEPWLHSMYHGAAFQLTQGDQLSTHTDGIPHLVLS PSTVFFGAFAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 18.6 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C.
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq: [NP_000586](#)
Locus ID: 4049
UniProt ID: [P01374](#), [Q5STV3](#)
RefSeq Size: 1423



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Cytogenetics: 6p21.33

RefSeq ORF: 615

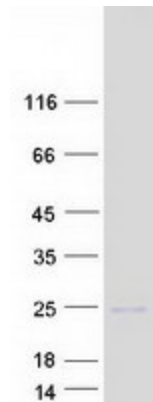
Synonyms: LT; TNFB; TNFSF1; TNLG1E

Summary: The encoded protein, 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. Genetic variations in this gene are associated with susceptibility to leprosy type 4, myocardial infarction, non-Hodgkin's lymphoma, and psoriatic arthritis. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Jul 2012]

Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Protein Pathways: Antigen processing and presentation, Cytokine-cytokine receptor interaction, Type I diabetes mellitus

Product images:



Coomassie blue staining of purified LTA protein (Cat# [TP303741]). The protein was produced from HEK293T cells transfected with LTA cDNA clone (Cat# [RC203741]) using MegaTran 2.0 (Cat# [TT210002]).