

Recombinant Full Length Human LTA Protein, GST-tagged

Cat. No. LTA-6059HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LTA full-length ORF (AAH34729, 1 a.a. - 205 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	205 amino acids
Description	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 and psoriatic arthritis
Molecular Mass	48.29 kDa
AA Sequence	MTPPERLFLPRVRGTTLHLLLLGLLLVLLPGAQGLPGVGLTPSAAQTARQHPKMHLA HSTLKPA AHLIGDPSKQNSLLWRANTDRAFLQDGFSLSNNSLLVPTSGIYFVYSQVV FSGKAYSPKATSSPLYLAHEVQLFSSQYPFHVPLLSSQKMVYPGLQEPWLHSMYHG AAFQLTQGDQLSTHTDGIPHLVLSPSTVFFGAFAL
Applications	Enzyme-linked Immunoabsorbent Assay

 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

	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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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