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## Datasheet for ABIN7504984 LTA Protein (AA 35-205)

### Overview

Quantity:	100 µg
Target:	LTA
Protein Characteristics:	AA 35-205
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

### Product Details

Sequence:	Leu35-Leu205
Characteristics:	A DNA sequence encoding the Human TNF $\beta$ /LTA Protein(P01374)(Leu35-Leu205)was expressed with a polyhistidine tag at the N-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.

### Target Details

Target:	LTA
Alternative Name:	TNF beta ( <a href="#">LTA Products</a> )
Target Type:	Chemical
Background:	Background: Cytokine that in its homotrimeric form binds to TNFRSF1A/TNFR1, TNFRSF1B/TNFR1 and TNFRSF14/HVEM (PubMed:9462508). In its heterotrimeric form with LTB binds to TNFRSF3/LTBR. Lymphotoxin is produced by lymphocytes and is cytotoxic for a wide range of tumor cells in vitro and in vivo.

## Target Details

	Synonym: Lymphotoxin-alpha,LT-alpha,TNF-beta,Tumor necrosis factor ligand superfamily member 1,LTA,TNFB, TNFSF1
Molecular Weight:	18.7 kDa
UniProt:	<a href="#">P01374</a>
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4., 5 % trehalose, 5 % mannitol, 0.01 % tween-80.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months