

Datasheet for ABIN6239734

## LTA Protein (AA 35-205) (His tag)



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	50 µg
Target:	LTA
Protein Characteristics:	AA 35-205
Origin:	Human
Source:	Escherichia coli (E. coli)
Biological Activity:	Active
Purification tag / Conjugate:	This LTA protein is labelled with His tag.
Application:	Activity Assay (AcA), Cell Culture (CC)

#### Product Details

Characteristics:	Tag location: N-terminal His Tag
Purity:	> 97 %
Biological Activity Comment:	<p>Mechanism: TNF-β, a member of the tumor necrosis factor family, is a potent lymphoid factor that exerts cytotoxic effects on a wide range of tumor cells. The biological effects of TNF-β are very similar to TNF-α, due to the similarity of molecular structure and the receptors. As reported, TNF-α could inhibit the proliferation and induce apoptosis of A549 cells, and the concentration of IL-1β in cell supernatant will increase after stimulation. Therefore, A549 cells were incubated in DMEM with TNF-β (10ng/mL) for 8h, 24h, 48h, 72h, then cells were observed by inverted microscope and IL-1β was detected in the cell supernatant by ELISA . Results 1: Cell apoptosis was observed after incubation with TNF-β (10ng/mL) for 72h.</p>

### Target Details

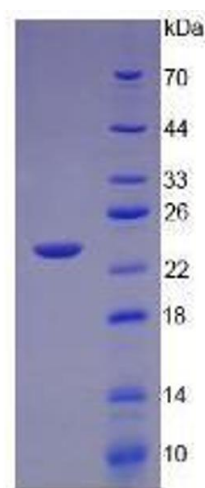
Target:	LTA
Alternative Name:	Tumor Necrosis Factor Beta (TNFb) ( <a href="#">LTA Products</a> )
Target Type:	Chemical
Background:	Alternative Names: LT, LTA, TNF-B, TNFSF1, Tumor Necrosis Factor Ligand Superfamily Member 1, Lymphotoxin Alpha
Molecular Weight:	23kDa
UniProt:	<a href="#">P01374</a>
Pathways:	<a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a>

### Application Details

Application Notes:	Isoelectric Point: 9.3
Restrictions:	For Research Use only

### Handling

Format:	Lyophilized
Buffer:	20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 % Trehalose and Proclin300.
Preservative:	Dithiothreitol (DTT), Other preservative, ProClin
Precaution of Use:	This product contains ProClin and Dithiothreitol (DTT): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.



**Image 1.**