



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### LTA (Human) Recombinant Protein

**Catalog Number:** P9237

**Regulation Status:** For research use only (RUO)

**Product Description:** Human LTA partial recombinant protein with His tag in N-terminus expressed in *Escherichia coli*.

**Sequence:**

MGSSHHHHHSSGLVPRGSHMLPGVGLTPSAAQTAR  
QHPKMHLAHLKPAHLIGDPSKQNSLLWRANTDRA  
FLQDGFSLSNLLVPTSGIYFVYSQVVFSGKAYSPKA  
TSSPLYLAHEVQLFSSQYPFHVPLLSSQKMVYPGLQE  
PWLHSMYHGAAFQLTQGDQLSTHTDGIPHLVLSPTV  
FFGAFAL.

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 20.9

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Preparation Method:** *Escherichia coli* expression system

**Purification:** chromatographic

**Purity:** > 90% as determined by SDS-PAGE.

**Activity:** ED<sub>50</sub> ? 0.3 ng/mL, measured by the cytolysis of murine L929 cells in the presence of Actinomycin D.

**Storage Buffer:** Solution (0.25 mg/mL) containing 20 mM Tris-HCl, pH 8.0, 30% glycerol, 0.1 M NaCl, 1 mM DTT.

**Storage Instruction:** Store at 4°C for one weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).  
Avoid repeated freeze/thaw cycles.

**Entrez GeneID:** 4049

**Gene Symbol:** LTA

**Gene Alias:** LT, TNFB, TNFSF1

**Gene 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 and psoriatic arthritis]