



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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 (P01)

**Catalog Number:** H00004049-P01

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

**Product Description:** Human LTA full-length ORF (AAH34729, 1 a.a. - 205 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MTPPERLFLPRVRGTTLHLLLLGLLLVLPGAQGLPGV  
GLTPSAAQTARQHMKMHLAHLSTLKPAAHLIGDPSKQN  
SLLWRANTDRAFLQDGFSLNNSLLVPTSGIYFVYSQV  
VFSGKAYSPKATSSPLYLAHEVQLFSSQYPFHVPLLSS  
QKMVYPGLQEPWLHSMYHGAAFQLTQGDQLSTHTD  
GIPHLVLSPTVFFGAFAL

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 48.29

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

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

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**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]