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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

LTA (Human) Recombinant Protein

Catalog Number: P9236

Regulation Status: For research use only (RUO)

Product Description: Human LTA recombinant protein expressed in *Escherichia coli*.

Sequence:

MLPGVGLTPSAAQTARQHPKMHLAHLKPA AHLIGD
PSKQNSLLWRANTDRAFLQDGFSLSNNSLLVPTSGIYF
VYSQVVVFSKGKAYSPKATSSPLYLAHEVQLFSSQYPFH
VPLLSSQKMVYPGLQEPWLHSMYHGAAFQLTQGDQL
STHTDGIPHLVLS PSTVFFGAFAL.

Host: *Escherichia coli*

Theoretical MW (kDa): 18.6

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

Form: Lyophilized

Preparation Method: *Escherichia coli* expression system

Purification: chromatographic

Purity: > 98% as determined by (a) RP-HPLC.(b) SDS-PAGE.

Activity: ED₅₀ < 0.05 ng/mL, measured by the cytolysis of murine L929 cells in the presence of Actinomycin D, corresponding to a specific activity of 2.0 x 10⁷ IU/mg.

Storage Buffer: Protein was lyophilized with no additives. Reconstitute the lyophilized powder in ddH₂O to 100 ug/mL.

Storage Instruction: Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4°C for 2-7 days 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]