

# Recombinant Full Length Pasteurella Haemolytica Leukotoxin Translocation Atp-Binding Protein Lktb(Lktb) Protein, His-Tagged

**Cat. No.** RFL35588MF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <b>Product Overview</b> | Recombinant Full Length Pasteurella haemolytica Leukotoxin translocation ATP-binding protein LktB(LktB) Protein (POC086) (1-708aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Mannheimia Haemolytica                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | Full Length (1-708)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | <p>MEANHQRNDLGLVALTMLAQYHNISLNPEEIKHKFDLDGKGLSLTSWLLAAKSLALK<br/>           AKH IKKEISRLHLVNLPALVWQDNGKHFLLVKVDTDNNRYLTYNLEQDAPQILSQDE<br/>           FEACYQ GQLILVTSRASVVGQLAKFDFTWFIPAVIKYRKIFLETIVSIFLQIFALITPLF<br/>           FQVVM DKVLVHRGFSTLNIITVALAIVIFEIVLSGLRTYVFSHSTSRIIDVELGAKLFRHL<br/>           LSLP ISYFENRRVGDVAVRVRELDQIRNFLTGQALTSVLDLLFSFIFFAVMWYSPKL<br/>           TLVILG SLPCYILWSIFISPILRRRLDDKFARSADNQAFLVESVTAINMIKAMAVAPQM<br/>           TDTWDKQ LASYVSSSFRTVLATIGQQGVQLIQKTMVINLWLG AHLVISGDL SIGQ<br/>           LIAFNMLSGQ VIAPVIRLAQLWQDFQQVGISVTRLGDVLNSPTEQYQGKLSLPEIKG<br/>           DISFKNIRFRYPK DAPTILNNVNLEIRQGEVIGIVGRSGSGKSTLTKLLQRFYIPENGQ<br/>           VLIDGHDALADPN WLRRQIGVVLQDNVLLNRSIRENIALSDPGMPMERVIYAAKLA</p> |

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GAHDFISELREGYNTIV GEQGAGLSGGQRQRIARALVNNPKILIFDEATSALDYES  
EHIIMQNMQKICQGRTVIL IAHRLSTVKNADRIIVMEKGEIVEQGKHHELLQNSNGLY  
SYLHQLQLN

**Purity**

Greater than 90% as determined by SDS-PAGE.

**Notes**

Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

**Storage**

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Storage Buffer**

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## GENE INFORMATION

**Gene Name**

lktB

**Synonyms**

lktB; Leukotoxin translocation ATP-binding protein LktB

**UniProt ID**

[P0C086](#)

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