



Recombinant strain K12 lapB

Protein Product Manual

1. Product Basic Information

Product No.: REP07326

Protein Name: Lipopolysaccharide Assembly Protein Lapb (lapB)

Aliases: lipopolysaccharide assembly protein LapB

UniProt ID: P0AB58

UniProt Link: <https://www.uniprot.org/uniprotkb/P0AB58/entry>

Species Source: Escherichia coli (strain K12)

Expression System: E.coli

Protein Length: Partial (17-389aa)

Molecular Weight: 58.8kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (17-389aa)

WYMGRRSAQQNKQDEANRLSRDYVAGVNFLLSNQQDKAVDLFLDMLKEDTGTVE
AHLTLGNLFRSRGEVDRAIRIHQTLMESASLTYEQRLLAIQQLGRDYMAAGLYDRAE
DMFNQLTDETD FRIGALQQLLQIYQATSEWQKAIDVAERLVKLGKDKQRVEIAHFYC
ELALQHMASDDLDRAMTLLKKGAAADKNSARVSIMMGRVFMAGGEYAKAVESLQR
VISQDRELVSETLEMLQTCYQQLGKTAEWAEFLQRAVEENTGADAELMLADIIEARD
GSEAAQVYITRQLQRHPTMRVFHKLMDYHLNEAEEGRAKESLMVLRDMVGEKVRS
KPRYRCQKCGFTAYTLYWHCPSCRAWSTIKPIRGLDGL

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions



Enlibio Wuhan Enlibio Biotech Co.,Ltd Manuals version5.9

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant strain K12 lapB partial protein (17-389aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. lapB, also known as lipopolysaccharide assembly protein LapB, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.