

Recombinant strain Mu50 / ATCC 700699 rpIL Protein Product Manual

1. Product Basic Information

Product No.: REP08106

Protein Name: 50S Ribosomal Protein L7/L12 (rpIL)

Aliases: 50S ribosomal protein L7/L12

UniProt ID: P66061

UniProt Link: <https://www.uniprot.org/uniprotkb/P66061/entry>

Species Source: Staphylococcus aureus (strain Mu50 / ATCC 700699)

Expression System: E.coli

Protein Length: Full Length (1-122aa)

Molecular Weight: 28.7kDa

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

2. Amino Acid Sequence (1-122aa)

MANHEQIIIEAIKEMSVLELNDLVKAIEEEFGVTAAAPVAVAGAAGGADAAAEEKTEFD
VELTSAGSSKIKVVKAVKEATGLGLKDAKELVDGAPKVIKEALPKEEA EKLKEQLEEV
GATVELK

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

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the



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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 Mu50 / ATCC 700699 rplL full length protein (1-122aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. rplL, also known as 50S ribosomal protein L7/L12, 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.