

Recombinant Western clawed frog RPL36 Protein Product Manual

1. Product Basic Information

Product No.: REP08100

Protein Name: Ribosomal Protein L36 (RPL36)

Aliases: L36; eL36; alt-RPL36; ribosomal protein L36; 60S ribosomal protein L36; large ribosomal subunit protein eL36

UniProt ID: Q9Y3U8

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9Y3U8/entry>

Species Source: Xenopus tropicalis(Western clawed frog)(Silurana tropicalis)

Expression System: E.coli

Protein Length: Full Length (1-105aa)

Molecular Weight: 19.8 kDa

Protein Tag: N-terminal 10xHis-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (1-105aa)

MAIRYPMAVGLNKGHRVTKNVTKPRHCRRRGRLTKHTKFVRDMIREVCGFAPYER
RAMELLKVSKDKRALKFIKKRIGTHIRAKRKREELSNVLAAMRKAALKK

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 Western clawed frog RPL36 full length protein (1-105aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. RPL36, also known as L36 or eL36 or alt-RPL36, 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.