Recombinant Human RPL14 Protein Product Manual

1. Product Basic Information

Product No.: REP08091

Protein Name: Cag-Isl-Ribosomal Protein L14 (RPL14)

Aliases: L14; RL14; eL14; hRL14; CTG-B33; CAG-ISL-ribosomal protein L14; 60S ribosomal protein L14; large ribosomal subunit protein eL14

UniProt ID: P50914

UniProt Link: https://www.uniprot.org/uniprotkb/P50914/entry

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (2-214aa)

Molecular Weight: 50.2kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (2-214aa)

VFRRFVEVGRVAYVSFGPHAGKLVAIVDVIDQNRALVDGPCTQVRRQAMPFKCMQ
LTDFILKFPHSAHQKYVRQAWQKADINTKWAATRWAKKIEARERKAKMTDFDRFKV
MKAKKMRNRIIKNEVKKLQKAALLKASPKKAPGTKGTAAAAAAAAAAKVPAKKITAA
SKKAPAQKVPAQKATGQKAAPAPKAQKGQKAPAQKAPAPKASGKK

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 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 Human RPL14 partial protein (2-214aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. RPL14, also known as L14 or RL14 or eL14, 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.