Recombinant Human RPA3 Protein Product Manual

1. Product Basic Information

Product No.: REP08085

Protein Name: Rp-A P14 (RPA3)

Aliases: REPA3; RP-A p14; RF-A protein replication protein A3; replication protein A3, 14kDa

UniProt ID: P35244

UniProt Link: https://www.uniprot.org/uniprotkb/P35244/entry

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (1-119aa)

Molecular Weight: 40.3kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (1-119aa)

MVDMMDLPRSRINAGMLAQFIDKPVCFVGRLEKIHPTGKMFILSDGEGKNGTIELME
PLDEEISGIVEVVGRVTAKATILCTSYVQFKEDSHPFDLGLYNEAVKIIHDFPQFYPLG
IVQ

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 RPA3 partial protein (1-119aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. RPA3, also known as REPA3 or RP-A p14 or RF-A protein replication protein A3, 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.