

Recombinant Human RPA2 Protein Product Manual

1. Product Basic Information

Product No.: REP08084

Protein Name: Rp-A P32 (RPA2)

Aliases: REPA2; RPA32; RP-A p32; RP-A p34; RF-A protein replication protein A2; replication protein A 34 kDa subunit

UniProt ID: P15927

UniProt Link: <https://www.uniprot.org/uniprotkb/P15927/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (1-267aa)

Molecular Weight: 55.9kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (1-267aa)

MWNSGFESYGSSSYGGAGGYTQSPGGFGSPAPSQAEEKSRARAQHIVPCTISQLL
SATLVDEVFRIGNVEISQVTIVGIIRHAEKAPTNIVYKIDDMTAAPMDVRQWVDTDDT
SSENTVVPETYVKVAGHLRSFQNKKSLVAFKIMPLEDMNEFTTHILEVINAHMVLS
KANSQPSAGRAPISNPGMSEAGNFGGNSFMPANGLTVAQNQVLNLIKACPRPEGL
NFQDLKNQLKHMSVSSIKQAVDFLSNEGHIYSTVDDDHFKST

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 Human RPA2 partial protein (1-267aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. RPA2, also known as REPA2 or RPA32 or RP-A p32, 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.