



Recombinant Human ARPC2 Protein Product Manual

1. Product Basic Information

Product No.: REP06173

Protein Name: Arp2/3 Complex 34 Kda Subunit (ARPC2)

Aliases: ARC34; PRO2446; p34-Arc; PNAS-139; arp2/3 complex 34 kDa subunit; ARP2/3 protein complex subunit 34; testis tissue sperm-binding protein Li 53e

UniProt ID: O15144

UniProt Link: <https://www.uniprot.org/uniprotkb/O15144/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (1-250aa)

Molecular Weight: 55.5kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (1-250aa)

MILLEVNRIIEETLALKFENAAAGNKPEAVEVTFADFDGVLVYHISNPNGDKTKVMVS
ISLKFYKELQAHGADELLKRVYGSFLVNPESGYNVSLLYDLENLPASKDSIVHQAGM
LKRNCFASVFEKYFQFQEEGKEGENRAVIHYRDEETMYVESKKDRVTVVVFSTVFKD
DDDVVIGKVFMQEFKEGRRASHTAPQVLFSHREPPLELKDTDAVGDNIGYITFVLV
PRHTNASARDNTINLIHTFRDY

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 ARPC2 partial protein (1-250aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. ARPC2, also known as ARC34 or PRO2446 or p34-Arc, 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.