



Recombinant Human ARPC5 Protein Product Manual

1. Product Basic Information

Product No.: REP06174

Protein Name: Dj127C7.Arp2/3 Complex 16 Kda Subunit (ARPC5)

Aliases: ARC16; IMD113; p16-Arc; dJ127C7.arp2/3 complex 16 kDa subunit; Arp2/3 protein complex subunit p16

UniProt ID: O15511

UniProt Link: <https://www.uniprot.org/uniprotkb/O15511/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Isoform 2 (1-154aa)

Molecular Weight: 43.6kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (1-154aa)

MSKNTVSSARFRKVDVDEYDENK FVDEEDGGDGGAGPDEGEVDSCLRHSITGNM
TAALQAALKNPPINTKSQAVKDRAGSIVLKVLI SFKANDIEKAVQSLDKNGVDLLMKYI
YKGFESPSDNSSAMLLQWHEKALAAGGVGSIVRVLTARKTV

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 ARPC5 full length of isoform 2 protein (1-154aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. ARPC5, also known as ARC16 or IMD113 or p16-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.