



# Recombinant Human PAIP1 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP07726

**Protein Name:** Paip-Pabp-Interacting Protein Pabc1-Interacting Protein Poly(A) Binding Protein Interacting Protein Polyadenylate-Binding Protein-Interacting Protein 1 (PAIP1)

**Aliases:** PAIP-PABP-interacting protein PABC1-interacting protein poly(A) binding protein interacting protein polyadenylate-binding protein-interacting protein 1

**UniProt ID:** Q9H074

**UniProt Link:** <https://www.uniprot.org/uniprotkb/Q9H074/entry>

**Species Source:** Homo sapiens (Human)

**Expression System:** E.coli

**Protein Length:** Full Length (1-479aa)

**Molecular Weight:** 61.0 kDa

**Protein Tag:** N-terminal 10xHis-tagged and C-terminal Myc-tagged

## 2. Amino Acid Sequence (1-479aa)

MSDGFDRAPGAGRGRSRGLGRGGGGPEGGGFPNGAGPAERARHQPPQPKAPG  
FLQPPPLRQPRTPPPGAQCEVPASQRPSPRGALPEQTRPLRAPPSSQDKIPQQ  
NSESAMAKPQVVVAPVLMKLSVNAPEFYPSGYSSSYTESYEDGCEDYPTLSEYV  
QDFLNHLTEQPGSFETEIEQFAETLNGCVTTDDALQELVELIYQQATSIPNFSYMGA  
RLCNYLSHHLTISPQSGNFRQLLLQRCRTEYEVKQAAKGDEVTRKRKFHAFVFLFG  
ELYLNLEIKGTNGQVTRADILQVGLRELLNALFSNPMDDNLICAVKLLKLTGSVLEDA  
WKEKGMKDMEEIIQRIENVVLDANCSRDKQMLLKLVELRSSNWGRVHATSTYREA  
TPENDPNYFMNEPTFYTSDGVPFTAADPDYQEKYQELLEREDFFPDYEENGTDL  
GAGDPYLDDIDDEMDPEIEEAYEKFCLESERKRKQ

## 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).



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**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 PAIP1 full length protein (1-479aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. PAIP1, also known as PAIP-PABP-interacting protein PABC1-interacting protein poly(A) binding protein interacting protein polyadenylate-binding protein-interacting protein 1, 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.