

Recombinant strain CFT073 / ATCC 700928 / UPEC PPIA Protein Product Manual

1. Product Basic Information

Product No.: REP07862

Protein Name: Ppiase Hel-S-69P (PPIA)

Aliases: CYPA; CYPH; PPlase HEL-S-69p; rotamase T cell cyclophilin; epididymis secretory sperm binding protein Li 69p

UniProt ID: P62937

UniProt Link: <https://www.uniprot.org/uniprotkb/P62937/entry>

Species Source: Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (25-190aa)

Molecular Weight: 38.1kDa

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

2. Amino Acid Sequence (25-190aa)

AKGDPHVLLTTSAGNIELELDKQKAPVSVQNFVDYVNSGFYNNTTFHRVIPGFMIQG
GGFTEQMQQKKNPPIKNEADNGLRNTRGTIAMARTADKDSATSQFFINVADNAFL
DHGQRDFGYAVFGKVVKGMDVADKISQVPTHDVGPYQNVPSKPVVILSAKVLP

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



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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 strain CFT073 / ATCC 700928 / UPEC PPIA full length of mature protein protein (25-190aa) expressed in E.coli. The protein is dual-tagged with 10xHis-SUMO tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. PPIA, also known as CYP A or CYPH or PPIase HEL-S-69p, 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.