

Recombinant Human PPP6C Protein Product Manual

1. Product Basic Information

Product No.: REP07876

Protein Name: Protein Phosphatase 6 Catalytic Subunit (PPP6C)

Aliases: PP6; PP6C; protein phosphatase 6 catalytic subunit

UniProt ID: O00743

UniProt Link: <https://www.uniprot.org/uniprotkb/O00743/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (2-305aa)

Molecular Weight: 41.9 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (2-305aa)

APLDLDKYVEIARLCKYLPENDLKRLCDYVCDLLLEESNVQPVSTPVTVCGDIHGQF
YDLCELFRTGGQVPDTNYIFMGDFVDRGYYSLETFTYLLALKAKWPDRITLLRGNHE
SRQITQVYGFYDECQTKYGNANAWRYCTKVFDMLTVAALIDEQILCVHGGGLSPDIKT
LDQIRTIERNQEIPHKGAFCDLVWSDPEDVDTWAI SPRGAGWLF GAKVTNEFVHINN
LKLICRAHQLVHEGYKFMFDEKLVTVWSAPNYCYRCGNIASIMVFKDVNTREPKLFR
AVPDSERVIPRRTTTPYFL

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



Enlibio Wuhan Enlibio Biotech Co.,Ltd Manuals version5.9
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 PPP6C full length of mature protein protein (2-305aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. PPP6C, also known as PP6 or PP6C or protein phosphatase 6 catalytic subunit, 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.