

Recombinant Human PPTC7 Protein Product Manual

1. Product Basic Information

Product No.: REP07879

Protein Name: Ptc7 Protein Phosphatase Homolog (PPTC7)

Aliases: TAPP2C; TA-PP2C; PTC7 protein phosphatase homolog; protein phosphatase PTC7 homolog; protein phosphatase targeting COQ7

UniProt ID: Q8NI37

UniProt Link: <https://www.uniprot.org/uniprotkb/Q8NI37/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (69-304aa)

Molecular Weight: 32.6 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (69-304aa)

RSADVLGVADGVGGWRDYGVDP SQFSGTLMRT CERLVKEGRFVPSNPIGILTTSY
CELLQNKVPLLGSSTACIVLDR TSHRLHTANLGDSGFLVVRGGEVVHRSDEQQHY
FNTPFQLSIAPEAEVVLSDSPDAADSTSF DVQLGDIILTATDGLFDNMPDYMILQE
LKKLKNSNYESIQQTARSIAEQAHELAYDP NYMSPFAQFACDNLNVRGGKPDIT
VLLSIVAEYTD

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 PPTC7 full length of mature protein protein (69-304aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. PPTC7, also known as TAPP2C or TA-PP2C or PTC7 protein phosphatase homolog, 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.