



Recombinant Human CDK4 Protein Product Manual

1. Product Basic Information

Product No.: REP06416

Protein Name: CDK4

Aliases: CMM3; MCPH31; PSK-J3

UniProt ID: P11802

UniProt Link: <https://www.uniprot.org/uniprotkb/P11802/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (2-303aa)

Molecular Weight: 37.6kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (2-303aa)

ATSRYPVAEIGVGAYGTVYKARDPHSGHFVALKSVRVPNGGGGGGGGLPISTVRE
VALLRRLEAFEHPNVVRLMDVCATSRTDREIKVTLVFEHVDQDLRTYLDKAPPPGLP
AETIKDLMRQFLRGLDFLHANCIVHRDLKPENILVTSGGTVKLADFGGLARIYSYQMAL
TPVVVTLWYRAPEVLLQSTYATPVDMWSVGCIFAEMFRRKPLFCGNSEADQLGKIF
DLIGLPPEDDWPRDVS LPRGAFFPRGPRPVQSVPEMEESGAQLLLEMLTFNPHK
RISAFRALQHSYLHKDEGNPE

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

5. Product Description

This product is a recombinant Human CDK4 full length of mature protein protein (2-303aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. CDK4, also known as CMM3 or MCPH31 or PSK-J3, 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.