



Recombinant Human CDC25C Protein Product Manual

1. Product Basic Information

Product No.: REP06406

Protein Name: Cdc25 Homolog Mitosis Inducer Cdc25 (CDC25C)

Aliases: CDC25; PPP1R60; CDC25 homolog mitosis inducer CDC25; cell division cycle 25C; phosphotyrosine phosphatase; protein phosphatase 1, regulatory subunit 60

UniProt ID: P30307

UniProt Link: <https://www.uniprot.org/uniprotkb/P30307/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-473aa)

Molecular Weight: 57.4kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-473aa)

MSTELFSSTREEGSSSGSGPSFRSNQRKMLNLLLERDTSFTVCPDVPRTTPVGKFLG
DSANLSILSGGTPKRCLDLNLSGSEITATQLTTSADLDETGHLDSSGLQEVLHAGM
NHDQHLMKCSPAQLLCSTPNGLDRGHRKRDAMCSSSANKENDNGNLVDSEMKYL
GSPITTVPKLDKNPNLGEDQAEISDELMEFSLKDQEAQVSRSGLYRSPSPMPENLN
RPRLKQVEKFKDNTIPDKVKKKYFSGQGKLRKGLCLKKTVSLCDITITQMLEEDSNQ
GHLIGDFSVCALPTVSGKHQDLKYVNPETVAALLSGKFQGLIEKFYVIDCRYPYEYL
GGHIQGALNLYSQEELFNFFLKPIVPLDTQKRRIIVFHCEFSSERGPRMCRCLREED
RSLNQYPALYYPELYILKGGYRDFFPEYMELCEPQSYCPMHQDHKTELLRCRSQS
KVQEGERQLREQIALLVKDMSP

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

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 CDC25C full length protein (1-473aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. CDC25C, also known as CDC25 or PPP1R60 or CDC25 homolog mitosis inducer CDC25, 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.