



Recombinant Human CDK5 Protein Product Manual

1. Product Basic Information

Product No.: REP06417

Protein Name: Tpkii Catalytic Subunit (CDK5)

Aliases: LIS7; PSSALRE; TPKII catalytic subunit; tau protein kinase II catalytic subunit; epididymis secretory sperm binding protein

UniProt ID: Q00535

UniProt Link: <https://www.uniprot.org/uniprotkb/Q00535/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-292aa)

Molecular Weight: 33.4 kDa

Protein Tag: Tag-Free

2. Amino Acid Sequence (1-292aa)

MQKYEKLEKIGEGTYGTVFKAKNRETHEIVALKRVRLDDDDDEGVPSSALREICLLKE
LKHKNIIVRLHDVLHSDKKLTLVFEFCDDQLKKYFDSCNGDLDP EIVKSFLFQLLKGLG
FCHSRNVLRDLKPQNLLINRNGELKLADFG LARAFGIPVRCYSAEVVTLWYRPPD
VLFGAKLYSTSIDMWSAGCIFAELANAGRPLFP GNDVDDQLKRIFRLLGTPTEEQWP
SMTKLDPDYKPYMPYPATTSLVNVVPKLNATGRDLLQNLLKCNPVQRISAEELQHP
YFSDFCPP

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 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 CDK5 full length protein (1-292aa) expressed in E.coli. The protein is tag-free. CDK5, also known as LIS7 or PSSALRE or TPKII 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.