

Human CDK5 Recombinant Protein



RPPB2463

Product Information Protein Information

Product SKU:

RPPB2463

Accession:

Q00535

Host:

Escherichia Coli.

Protein description:

CDK5 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 316 amino acids (1-292) and having a molecular mass of 35.8kDa. CDK5 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Cyclin-dependent kinase 5, Cell division protein kinase 5, Serine/threonine-protein kinase PSSALRE, Tau protein kinase II catalytic subunit, CDK5, CDKN5, TPKII catalytic subunit, cyclin dependent kinase 5.

Formulation:

The CDK5 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol 0.4M Urea.

Purity:

Greater than 85% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSQMKEYEK LEKIGEGTYG TVFKAKNRET HEIVALKRVR LDDDDDEGVPS
SALREICLLK ELKHKNIVRL HDVLHSDKKL TLVFEFCDQD LKDYFDSCNG DLDPEIVKSF LFQLLKGLGF
CHSRNVLHRD LKQNLINR NGELKLADFG LARAFGIPVR CYSAEVTWLW YRPPDVLFGA KLYSTSIDMW
SAGCIFAELA NAGRPLFPGN DVDDQLKRIF RLLGTPTEEQ WPSMTKLPDY KPYPMPATT SLVNVVPKLN
ATGRDLLQNL LKCNPVQRIS AEEALQHPYF SDFCPP.