

# Human CDK5 Recombinant Protein



RPPB2464

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## Product Information    Protein Information

**Product SKU:**

RPPB2464

**Accession:**

Q00535

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

CDK5 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 298 amino acids (1-292a.a.) and having a molecular mass of 34.1kDa. (Molecular size on SDS-PAGE will appear at approximately 28-40kDa).CDK5 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

CDK5, Cyclin Dependent Kinase 5, Serine/Threonine-Protein Kinase PSSALRE, Tau Protein Kinase II Catalytic Subunit, Cell Division Protein Kinase 5, TPKII Catalytic Subunit, Cyclin-Dependent-Like Kinase 5, Protein Kinase CDK5 Splicing, EC 2.7.11.22, EC 2.7.11.1, EC 2.7.11, PSSALRE, CDKN5, LIS7.

**Formulation:**

CDK5 protein solution (0.25mg/ml) Phosphate Buffered Saline (pH 7.4) containing 40% glycerol and 1mM DTT.

**Purity:**

Greater than 90.0% 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:**

MQKYEKLEKI GEGTYGTVFK AKNRETHEIV ALKRVRLDDD DEGVPSALR EICLLKELKH KNIVRLHDVL  
HSDKKLTLVF EFCQDLKKY FDSCNGDLDP EIVKSFLQ LKGLGFCHSR NVLHRDLKPQ NLLINRNGEL  
KLADFLARA FGIPVRCYSA EVVTLWYRPP DVLFGAKLYS TSIDMWSAGC IFAELANAGR PLFPGNDVDD  
QLKRIFRLLG TPTEEQWPSM TKLPDYKPYP MYPATSLVN VPKLNATGR DLLQNLLKCN PVQRISAEAA  
LQHPYFSDFC PPHHHHHH