

Human CDK1 Recombinant Protein



RPPB2457

Product Information Protein Information

Product SKU:

RPPB2457

Accession:

P06493

Host:

Sf9, Baculovirus cells.

Protein description:

CDK1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 305 amino acids (1-297a.a.) and having a molecular mass of 35.1kDa. CDK1 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Cyclin-Dependent Kinase 1, CDC2, Cell Division Cycle 2, G1 To S And G2 To M, Cell Division Control Protein 2 Homolog, Cell Division Protein Kinase 1, P34 Protein Kinase, P34CDC2, CDC28A, Cell Cycle Controller CDC2, EC 2.7.11.22, EC 2.7.11.23, CDKN1, Cyclin-dependent kinase 1.

Formulation:

CDK1 protein solution (0.5mg/ml) contains Phosphate buffered saline (pH7.4), 30% glycerol, 2mM DTT and 0.1mM PMSF.

Purity:

Greater than 95.0% 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:

MEDYTKIEKI GEGTYGVVYK GRHKTTGQVV AMKKIRLESE EEGVPSTAIR EISLLKELRH PNIVSLQDVL
MQDSRLLYLF EFLSMDLKKY LDSIPPGQYM DSSLVKSYLY QILQGIVFCH SRRVLHRDLK PQNLLIDDKG
TIKLADFGLA RAFGIPIRVY THEVVTWLYR SPEVLLGSAR YSTPVDIWSI GTIFAEATK KPLFHGDSEI
DQLFRIFRAL GTPNNEVWPE VESLQDYKNT FPKWKPGSLA SHVKNLDENG LDLLSKMLIY DPAKRISGKM
ALNHPYFNDL DNQIKKMLEH HHHHHH.