

Human CDK1 Recombinant Protein



RPPB2458

Product Information Protein Information

Product SKU:

RPPB2458

Accession:

P06493

Host:

Escherichia Coli.

Protein description:

CDK1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 317 amino acids (1-297 a.a) and having a molecular mass of 36.2kDa. CDK1 is fused to a 20 amino acid His-tag at N-terminus & 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, CDK1.

Formulation:

CDK1 protein solution (1mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol.

Purity:

Greater than 85.0% 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:

MGSSHHHHHH SSSLVPRGSH MEDYTKIEKI GEGTYGVVYK GRHKTTGQVV AMKKIRLESE EEGVPSTAIR
EISLLKELRH PNIVSLQDVL MQDSRLYLIF EFLSMDLKKY LDSIPPGQYM DSSLVKSYLY QILQGIVFCH
SRRVLHRDLK PQNLLIDDKG TIKLADFGLA RAFGIPIRVY THEVTLWYR SPEVLLGSAR YSTPVDIWSI
GTIFAELATK KPLFHGDSEI DQLFRIFRAL GTPNNEVWPE VESLQDYKNT FPKWKPGSLA SHVKNLDENG
LDLLSKMLIY DPAKRISGKM ALNHPYFNDL DNQIKKM.