

Cyclin-Dependent Kinase 1 Human Recombinant, Sf9

Item Number	rAP-0920
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
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.
Uniprot Accession Number	P06493
Amino Acid Sequence	MEDYTKIEKI GEGTYGVVYK GRHKTTGQVV AMKKIRLESE EEGVPSTAIR EISLLKELRH PNIIVSLQDVL MQDSRLYLIF EFLSMDLKKY LDSIPPGQYM DSSLVKSYLY QILQGIVFCH SRRVLHRDLK PQNLLIDDKG TIKLADFGLA RAFGIPIRVY THEVVTWLYR SPEVLLGSAR YSTPVDIWSI GTIFAEALATK KPLFHGDSEI DQLFRIFRAL GTPNNEVWPE
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	CDK1 protein solution (0.5mg/ml) contains Phosphate buffered saline (pH7.4), 30% glycerol, 2mM DTT and 0.1mM PMSF. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**