

cyclin-dependent kinase 3 Human Recombinant

Item Number	rAP-0919
Synonyms	Cyclin-dependent kinase 3, Cell division protein kinase 3, CDK3, CDKN3.
Description	CDK3 Human Recombinant produced in E. coli is a single polypeptide chain containing 328 amino acids (1-305) and having a molecular mass of 37.4kDa. CDK3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q00526
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGSMDMFQKV EKIGEGTYGV VYKAKNRETG QLVALKKIRL DLE- MEGVPST AIREISLLKE LKHPNIVRLL DVVHNERKLY LVFEFLSQDL KKYMDSTPGS ELPLHLIKSY LFQLLQGVSF CHSHRVIHRD LKPQNLLINE LGAIKLADFG LARAFGVPLR TYTHEVVTLW YRAPEILLGS KFYTTAVDIW SIGCIFAEMV TRKALFPGDS EIDQLFRIFR MLGTPSEDW PGVTQLPDYK GSFPKWTRKG LEEIVPNLEP EGRDLLMQLL QYDPSQRITA KTALAHPYFS SPEPSPAARQ YVLQRFRH.
Source	Escherichia Coli.
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	The CDK3 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1M Urea and 10% glycerol. Greater than 85% 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**