

Recombinant Human cyclin-dependent kinase 3, His-tagged

Cat. No. CDK3-215H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CDK3, 1-305aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-305 a.a.
Description	CDK3 is a member of the cyclin-dependent protein kinase family. The protein promotes entry into S phase, in part by activating members of the E2F family of transcription factors. The protein also associates with cyclin C and phosphorylates the retinoblastoma 1 protein to promote exit from G0. Recombinant human CDK3 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1M Urea, 10% glycerol
Molecular Mass	37.4kDa (328aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMDMFQKV EKIGEGTYGV VYKAKNRETG QLVALKKIRL DLEMEGVPST AIREISLLKE LKHPNIVRLL DVVHNERKLY LVFEFLSQDL KKYMDSTPGS ELPLHLIKSY LFQLLQGVSF CHSHRVIHRD LKPQNLLINE LGAIKLADFG LARAFGVPLR TYTHEVVTWL YRAPEILLGS KFYTTAVDIW SIGCIFAEMV TRKALFPGDS EIDQLFRIFR MLGTPSEDW PGVTQLPDYK GSFPKWTRKG LEEIVPNLEP EGRDLLMQLL QYDPSQRITA KTAHAHPYFS SPEPSPAARQ YVLQRFRRH

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Purity	>85% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	CDK3 cyclin-dependent kinase 3 [Homo sapiens]
Official Symbol	CDK3
Synonyms	CDK3; cyclin-dependent kinase 3; cell division protein kinase 3;
Gene ID	1018
mRNA Refseq	NM_001258
Protein Refseq	NP_001249
MIM	123828
UniProt ID	Q00526
Chromosome Location	17q22-qter
Function	ATP binding; cyclin-dependent protein kinase activity; nucleotide binding;

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