

Recombinant Human Human CDK3

Cat. No. CDK3-31091TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CDK3 and CCNE1 with N-terminal proprietary tags co-expressed in a Baculovirus infected Sf9 cell expression system, MWt 60 and 73kDa respectively.
Species	Human
Description	This gene encodes 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.
Biological activity	The Specific activity of CDK3-31091TH was determined to be 20 nmol/min/mg.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, pH 7.5
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Full Length	Full L.

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GENE INFORMATION

Gene Name	CDK3 cyclin-dependent kinase 3 [Homo sapiens]
Official Symbol	CDK3
Synonyms	CDK3; cyclin-dependent 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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