

## Product datasheet for **SC204099**

### CDK7 (NM\_001799) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	CDK7 (NM_001799) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CDK7
Synonyms:	CAK; CAK1; CDKN7; HCAK; MO15; p39MO15; STK1
ACCN:	NM_001799
Insert Size:	325 bp
Insert Sequence:	>SC204099 3'UTR clone of NM_001799 The sequence shown below is from the reference sequence of NM_001799. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAG <b>CGATCGCC</b> GGAGGATTGCCAAGAACTAATTTTT <b>TA</b> AGAGAACACTGGACAACATTTTACTACTGAGGAAAATAG CCAAAAAGGCCAAATAATGGAAAAATAGTAAACATTAAGTAAATGCTGTAGAAGTGAGTTTGTAATATT CTACACATGTAAAATATGTAAAATATGGGTTATTTTTATTAAATGTATTTTAAAAATAAAAATTTAATT CTGGTTTTTCTGATTAGAGTGCAAAAGTGAGAAAAGTTCAATACTCTTGAAATGTAGAATTGAAAATGC ATTAGGAAAACCTTAATAAAAATTATTACCAGTTATTTGGAAGATCTGA <b>ACGCGT</b> AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u><a href="#">NM_001799.4</a></u>



[View online »](#)

**Summary:**

The protein encoded by this gene is a member of the cyclin-dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of *Saccharomyces cerevisiae* cdc28, and *Schizosaccharomyces pombe* cdc2, and are known to be important regulators of cell cycle progression. This protein forms a trimeric complex with cyclin H and MAT1, which functions as a Cdk-activating kinase (CAK). It is an essential component of the transcription factor TFIIH, that is involved in transcription initiation and DNA repair. This protein is thought to serve as a direct link between the regulation of transcription and the cell cycle. [provided by RefSeq, Jul 2008]

**Locus ID:** 1022

**MW:** 13