

## Product datasheet for **SC210821**

### CDK1 (NM\_033379) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** CDK1 (NM\_033379) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** CDK1  
**Synonyms:** CDC2; CDC28A; P34CDC2  
**ACCN:** NM\_033379  
**Insert Size:** 907 bp  
**Insert Sequence:** >SC210821 3'UTR clone of NM\_033379  
The sequence shown below is from the reference sequence of NM\_033379. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GATTTGGACAATCAGATTAAGAAGATGTAGCTTTTCTGACAAAAAGTTTCCATATGTTATATCAACAGAT
AGTTGTGTTTTATTGTTAACTCTGTCTATTTTGTCTTATATATATTTCTTTGTATCAAACCTCAG
CTGTACTTCGTCTTCTAATTTCAAAAATATAACTTAAAAATGTAATATTCTATATGAATTTAAATATA
ATTCTGTAATGTGTGAGGTCTCACTGTAACAACTATTTGTTACTATAATAAACTATAATATTGATG
TCAGGAATCAGGAAAAATTTGAGTTGGCTTAAATCATCTCAGTCCTTATGGCAGTTTTATTTCTGT
AGTTGGAACACTAAAATTTAGGAAAAATGCTAAGTTCAAGTTTCGTAATGCTTTGAAGTATTTTTATGC
TCTGAATGTTAAATGTTCTCATCAGTTTCTTGCCATGTTGTTAACTATAACAACCTGGCTAAAGATGAA
TATTTTCTACTGGTATTTAATTTTTGACCTAAATGTTAAGCATTCCGAATGAGAAAACATACAGA
TTTGAGAAATGATGCTAAATTTATAGGAGTTTTAGTAAGTTAAAAAGCTAACATGAGAGCATGCCAAA
ATTTGCTAAGTCTTACAAAGATCAAGGGCTGTCCGCAACAGGGAAGAACAGTTTTGAAAATTTATGAAC
TATCTTATTTTTAGGTAGTTTTGAAAGCTTTTTGTCTAAGTGAATTCCTATGCCTTGGTCAGAGTAAT
AACTGAAGGAGTTGCTTATCTTGCTTTTCGAGTCTGAGTTTAAAACTACACATTTTGACATAGTGTTTA
TTAGCAGCCATCTAAAAGGCTCTAATGTATATTTAACTAAAATTAAGCTTTGGGAATTTAACTGTT
TAACAAATAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-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).



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<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_033379.5</a>
<b>Summary:</b>	The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is a catalytic subunit of the highly conserved protein kinase complex known as M-phase promoting factor (MPF), which is essential for G1/S and G2/M phase transitions of eukaryotic cell cycle. Mitotic cyclins stably associate with this protein and function as regulatory subunits. The kinase activity of this protein is controlled by cyclin accumulation and destruction through the cell cycle. The phosphorylation and dephosphorylation of this protein also play important regulatory roles in cell cycle control. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]
<b>Locus ID:</b>	983
<b>MW:</b>	35.3