

## Product datasheet for **SC213465**

### PCTAIRE1 (CDK16) (NM\_033018) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** PCTAIRE1 (CDK16) (NM\_033018) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** CDK16  
**Synonyms:** PCTAIRE; PCTAIRE1; PCTGAIRE; PCTK1  
**ACCN:** NM\_033018  
**Insert Size:** 1259 bp  
**Insert Sequence:** >SC213465 3'UTR clone of NM\_033018  
 The sequence shown below is from the reference sequence of NM\_033018. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCTTTCCGCGTGGTGGACACCGAGTTCTTAAGCCACAGACCGAGGCCCCAGCAGGCAGCGGCTGGAGGGA
TGCCACACCCCTCACAGGGCAGCCCCAACTACATCTTCCTGCTTACTCTCGCTACCTGCCTGAGC
CATGTTACCTGCCCACTTGTCCTGCTGCTGCCAAACACCCACCATTGGCCTGTCAACCCACCC
ATTGGCCTGTCTGCTGGGTGCTAACAAAGCTCTCATCACTCCTTCACTTGGTCTGTCTGTCTGTCTT
GGTAGTTGCCGTTGGACAGCATGGCCGTGCCAGCCTCCACACTGAGGCCAGGTCTACCCCCATCATA
CCAGCCCCCAGGACCACTACCCACGGCCAGCCAGGGTCCAGAGCTAGCCAGGCTGGGGATCTCGAC
TCAGACAAGATGGTGACAATGCCTTGAGTCTGAGGCATCCTCTGCCTGCTTTCCTGCCTGCCCCACCTG
CCTCATATTGTGGGCCTTTTTTTGTTTGTTCATTTCATTGTTTTTTTTTTTTAATTATTTAAATG
AGATTTTTGTTTTTTTTAAATGCAATATCTCTGTATACAGACTGGCTGGGCCCCACCCCTCGCTGTGG
CCCTCCCACAGTATTTTGTGAATGAAGCCCTGCTCCAGCCTTTCAGAGACAGGGACACAGCCCTAT
TTGGAACCCTGATCATACCAGACCCTGGGATTGGCTATGGGAAAGCATGCCACAGCCACTCGCCTTCC
TACCCCGCCCGCCATCCCCAGTTGCAGGGGATCTGGGACTACCAGAGACTCTGGGAAATGGACAAG
GTGGGGGGCCCCACTTCTCTCTCTGAGTCCCGTAGCTGGGGCCTCCTTCTCTCAGGGTCTCCCC
AGCCAGTCCCCTTGCTCCCATCCCCTCGGTGCTGTTGGGTAGGGGCCCTGCCAGGAAGTACCAGCT
CAGCGAGGAGCCATAATGTGCATATGTGCACAAGCAGGGTTGGGGGAGGGGGGTGTGAGGGGTGTGCC
CAGGTGTTGCCCTATCTCTGGGGAGGGTGAAGCAGGGCAGGGACAGTCTCCAGGGTCACTCCCTGG
ATGGGTGGTTACCTCCCCTTCTCCACCCTAAGCCCTGGGGCCCTGAAATGGGGTGGGAGGGCAGGGGT
GGGAGCCCTCCTAGTGGTTTGGGGGTTGGGTTCCCTGAATGCACCATAATCGCTGTATGAAATATTA
AAAGTCTAAAGTAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<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_033018.4</a>
<b>Summary:</b>	The protein encoded by this gene belongs to the cdc2/cdkx subfamily of the ser/thr family of protein kinases. It may play a role in signal transduction cascades in terminally differentiated cells; in exocytosis; and in transport of secretory cargo from the endoplasmic reticulum. This gene is thought to escape X inactivation. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2009]
<b>Locus ID:</b>	5127
<b>MW:</b>	45.6