

## Product datasheet for **SC202507**

### CDK5RAP1 (NM\_016408) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	CDK5RAP1 (NM_016408) Human 3' UTR Clone
Symbol:	CDK5RAP1
Synonyms:	C20orf34; C42; CGI-05; HSPC167
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_016408
Insert Size:	234 bp
Insert Sequence:	<p>&gt;SC202507 3'UTR clone of NM_016408</p> <p>The sequence shown below is from the reference sequence of NM_016408. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
ACTCTGAGGGACTCTTCTGCATATTGCTGACCTGAGAGGATGGCCTCAGAGCTGACTTGGGCAATCCTC
CCCAACAGGAAGGGGAGACATTGCCTGCCACTGAGGAAACAGGTCATGAAGGTGGAGATAAGCTGCAAG
GGGCGAAGCAACTTTATGTCAGTGGAAAACGTGTCTCTTTAAAGCTGCTATGTGAACAGCTTTTACAGT
CATTAAATTTACCTAACTAAGGTAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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).
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>NM_016408.4</u>


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Summary:	This gene encodes a regulator of cyclin-dependent kinase 5 activity. This protein has also been reported to modify RNA by adding a methylthio-group and may thus have a dual function as an RNA methylthiotransferase and as an inhibitor of cyclin-dependent kinase 5 activity. Alternative splicing results in multiple transcript variants that encode different isoforms. [provided by RefSeq, May 2013]
Locus ID:	51654
MW:	8.9