

## Product datasheet for **SC205234**

### CLK2 (NM\_003993) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** CLK2 (NM\_003993) Human 3' UTR Clone  
**Symbol:** CLK2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_003993  
**Insert Size:** 380 bp  
**Insert Sequence:** >SC205234 3'UTR clone of NM\_003993  
The sequence shown below is from the reference sequence of NM\_003993. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TGGGACTCCAGTCGGGATATCAGTCGGTGACGATCAGGCCCTGGGCCCCCTGCATCTTTTATAGCAGT
GGGTGTCCAGTCCAGGACTGGTGCTTTTTTATACAAGAGAACGAGCCAGAGTTCACCTCTTCTCCT
GGCTCTCTATACCTGTGAATATGTGAAATAGTGAAATATGAAAGAAGTGTACCTATCACTTCAAC
CCCTGCCTTGACATAACTATTCCATCCACACAGTTTCCACCCTCACCTGCCCCCTCATACGGAGTT
GGATGGGGCCGAGTGAGGTAACCAAGGTGGCATCTACCCCATGTTTTATAAGGAATTTGTACAGTCTT
TGTGAAATAAAATAACGTGCTTCATTTGACCCCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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:** [NM\\_003993.4](#)



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**Summary:**

This gene encodes a dual specificity protein kinase that phosphorylates serine/threonine and tyrosine-containing substrates. Activity of this protein regulates serine- and arginine-rich (SR) proteins of the spliceosomal complex, thereby influencing alternative transcript splicing. Chromosomal translocations have been characterized between this locus and the PAFAH1B3 (platelet-activating factor acetylhydrolase 1b, catalytic subunit 3 (29kDa)) gene on chromosome 19, resulting in the production of a fusion protein. Note that this gene is distinct from the TELO2 gene (GeneID:9894), which shares the CLK2 alias, but encodes a protein that is involved in telomere length regulation. There is a pseudogene for this gene on chromosome 7. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2014]

**Locus ID:**

1196

**MW:**

14.1