

## Product datasheet for **SC203893**

### CLK1 (NM\_004071) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	CLK1 (NM_004071) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CLK1
Synonyms:	CLK; CLK/STY; STY
ACCN:	NM_004071
Insert Size:	327 bp
Insert Sequence:	>SC203893 3'UTR clone of NM_004071

The sequence shown below is from the reference sequence of NM\_004071. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTCTTTGACCTTCTGAAGAAAAGTATA TAGATCTGTAATTGGACAGCTCTCTCGAAGAGATCTTACAGA
CTGTATCAGTCTAATTTTTAAATTTAAAGTTATTTGTACAGCTTTGTAATTTCTTAACATTTTTATAT
TGCCATGTTTATTTTGGTTAATTTGGTTCATTAAGTACATAGCTAAGGTAATGAACATCTTTTTC
AGTAATTGTAAGTGATTATTTCAGAATAAATTTTTGTGCTTATGAAGTTGATATGTATCTGAACAGT
TTGTTCTAAGTACCATTTTCTTCTACTTCTATTAAGAATGGACATAGA
ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites:	Sgfl-Mlul
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_004071.4</a></u>



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**Summary:** This gene encodes a member of the CDC2-like (or LAMMER) family of dual specificity protein kinases. In the nucleus, the encoded protein phosphorylates serine/arginine-rich proteins involved in pre-mRNA processing, releasing them into the nucleoplasm. The choice of splice sites during pre-mRNA processing may be regulated by the concentration of transacting factors, including serine/arginine rich proteins. Therefore, the encoded protein may play an indirect role in governing splice site selection. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2009]

**Locus ID:** 1195

**MW:** 13.4