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# Product datasheet for SC203892

## CLK1 (NM_001162407) Human 3' UTR Clone

### Product data:

| | |
|---|---|
| **Product Type:** | 3' UTR Clones |
| **Product Name:** | CLK1 (NM_001162407) Human 3' UTR Clone |
| **Vector:** | pMirTarget (PS100062) |
| **Symbol:** | CLK1 |
| **Synonyms:** | CLK; CLK/STY; STY |
| **ACCN:** | NM_001162407 |
| **Insert Size:** | 327 bp |
| **Insert Sequence:** | >SC203892 3'UTR clone of NM_001162407<br>The sequence shown below is from the reference sequence of NM_001162407. The complete sequence of this clone may contain minor differences, such as SNPs.<br>Blue=Stop Codon Red=Cloning site<br><br>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG<br>TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC<br>TTCTTTGACCTTCTGAAGAAAAGTATATAGATCTGTAATTGGACAGCTCTCTCGAAGAGATCTTACAGA<br>CTGTATCAGTCTAATTTTTAAATTTTAAGTTATTTTGTACAGCTTTGTAAATTCTTAACATTTTTATAT<br>TGCCATGTTTATTTTGTTTGGGTAATTTGGTTCATTAAGTACATAGCTAAGGTAATGAACATCTTTTTC<br>AGTAATTGTAAAGTGATTTATTCAGAATAAATTTTTTGTGCTTATGAAGTTGATATGTATCTGAACAGT<br>TTGTTCTAAGTACCATTTTTCTTCCTACTTCTATTAAAGAATGGACATAGA<br>ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA<br>CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG |
| **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_001162407.1 |

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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