

## Product datasheet for **SC205621**

### CAMK1D (NM\_020397) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** CAMK1D (NM\_020397) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** CAMK1D  
**Synonyms:** CaM-K1; CaMKID; CKLiK  
**ACCN:** NM\_020397  
**Insert Size:** 769 bp  
**Insert Sequence:** >SC205621 3'UTR clone of NM\_020397  
 The sequence shown below is from the reference sequence of NM\_020397. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TATGTAGCAAAAACCAGAATCCCTCAGCTGACACTGAAGACGAGCCTGGGGTGGAGAGGGGAGCCGGC
ATCTGCCGAGCACCTCCTGTTTGCCAGGGCCTTTCTATACTTAATCCCATGTCATGCGACCTAGGACT
TTTTTAAACATGTAATCACTGGGCTGGGTGCAGTGGCTCACGCCCTGTAATCCCAACTTTGGGAGGCT
GAGGCAGGAGGACTGTTTGAGTTCAGGAGTTTTAAGACCAGCCTGACCAACATGGTGAAACCCCATCTC
TACTAAAATATAAAAATTAGCCGGGTGTGGTGGCGAGCACCTGTAATGTCAGCTACTTGGGAGGCTGAG
GCAGGAGAATCACTTGAACCCAGGAAGCGGAGGTTGCAATGAGCTGAGATCACACCACTGCACTCCAGC
CTGGGTGACAGATTGAGACTCCCTCTCAAAAAAAAAAAGAAAAATCATTGAACACTCGTGGAACCCTA
GGTATTGCTATTTCCATTTACAGTTGAGGAATCCAGGGCTCAAGTCTCGCAGCCATGTCTGTCTGGAT
AAAGCCTGGACTCTTTCTCATCTCCATCCTTCCCTCTGATTTACCTCTCATTGTACAGTCACTCTTGC
GGATTGAGGAAGGAGAGCAGAGCCTCAGGACAGCCTCCTGCCATTGACTTCCATAATGTATATATTTT
GGATGCAGACAATGATAATTTGAGCTCATTATGTGAAGTGCATTGACTTTGCAATAAAAGTAATAGTA
TTTCATTGTC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGAGCAGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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).



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<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_020397.4</a>
<b>Summary:</b>	This gene is a member of the calcium/calmodulin-dependent protein kinase 1 family, a subfamily of the serine/threonine kinases. The encoded protein is a component of the calcium-regulated calmodulin-dependent protein kinase cascade. It has been associated with multiple processes including regulation of granulocyte function, activation of CREB-dependent gene transcription, aldosterone synthesis, differentiation and activation of neutrophil cells, and apoptosis of erythroleukemia cells. Alternatively spliced transcript variants encoding different isoforms of this gene have been described. [provided by RefSeq, Jan 2015]
<b>Locus ID:</b>	57118
<b>MW:</b>	28.9