

## Product datasheet for **SC213847**

### CK1 epsilon (CSNK1E) (NM\_152221) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	CK1 epsilon (CSNK1E) (NM_152221) Human 3' UTR Clone
Symbol:	CK1 epsilon
Synonyms:	CK1ε; CK1εpsilon; HCK1E
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_152221
Insert Size:	1310 bp



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**Insert Sequence:** >SC213847 3'UTR clone of NM\_152221  
 The sequence shown below is from the reference sequence of NM\_152221. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGTGTGCCATTTGACCATCTCGGAAGTGAGGAGAGCCCCATTGGACCAGTGTGTTGCTTAGTGTCTTC
ACTGTATTTTCTTTAAAAAAAAAAAAAAAAAAAAAAAAAGGCAAAAATAAACCACTAAAAGAACAACAAA
AAAACCCAGCACAAAACCGACGATGGAGTTTGTTCCTTTGATTTCTTTGCCAATGGCAAGAAGATGAGA
TGCCCTCAGCACTGAGGATTCTTGCCCTTGTGGTGCCCGCTGCCCCCAACCTTCAGGCTGCCAGATG
CTCCCCTGACAACACCAGGCTACAGGAGCCAGACGCCAGGGCCTGCCCGCCTCCTGTTCTGCCCCCA
CCCACCACCTGCCTGGAGAGGAACGGGTCCGGTCCGTGTCGGAGAAGTGACAGTCCCAGAGCCAAAGC
CGGCCCTCAAGCATCATCAGGGAGTGGTGTAGTCAGTTGAAGGCAGTCCCACCGAGTTTTCCGAGCCT
CAGAATCCAGGAGATACGCACAGCCCCACCACTCTGAGATGACAGTGGCTGACTCCCCTGCTGGGCT
TTTCCATTGTCCCCTGGCCTCCAGGCTCCTCCTGCTCCTCATGGAGTGGGTGGGGAGTGGTGGG
GGCCGGCGTCCCCTGCGTGTGTGTGTGTGTGTGTGTGTGGATGTATTGACCTGTGTTCCCAAGACA
GCAGGTGCCACGGCCCGCCCGCTGCCAGCCGAATCCCGTTCTCTGTGCTACTAACAAGGACAT
GGGGGTGGGCGGTGACCTCCGCATCCCTCAGAGCTCAGAGGGTCTCGTGCACCGGTCCCCCCTAG
CCCGTCATCAGCCGGTGGCAGCTCCATCTTCCATTCTGGTTTTAGGGCAGAATCCATGGAGACTGCTT
CCAGAAGGCATCTGGCTCTGAGTTATAAATTACTCCCTGGTCTGACAGTCACCTGGGGTCCCCCTC
TCCCTGGTTCCACCTTTCTGAGGAGGAGCCTGGAGTCAGGGCTGGGTTTTGGATTAACCCATCCTTCT
AGTTAACACCTTTTTGTTTTTATTTTATTTTATTTTGTGTTTTCTCCGTGTGTGTTTTTCTAAT
TTATTTACCTCTGTTTCCCTTTTTCTTTTTTTTTTAAATTAAGAGCAAAGCTTTTTTACTTTGT
AATTTAAAAAACTGAAAAAAAAAAAAAAGTGAAGAACTTTGGGGGAATTTGTACTTTTTTCTGTGTAA
ATATTGACTTTTTTGTGCTTTATCGTGGTTGTTAATTTGAAGTAATAAAGTAGAAAAAGATAAAGTGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** Sgfl-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\\_152221.3](#)

**Summary:** The protein encoded by this gene is a serine/threonine protein kinase and a member of the casein kinase I protein family, whose members have been implicated in the control of cytoplasmic and nuclear processes, including DNA replication and repair. The encoded protein is found in the cytoplasm as a monomer and can phosphorylate a variety of proteins, including itself. This protein has been shown to phosphorylate period, a circadian rhythm protein. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Feb 2014]

**Locus ID:** 1454

MW: 48.8