

Product datasheet for **SC215378**

Casein Kinase 1 alpha (CSNK1A1) (NM_001025105) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Casein Kinase 1 alpha (CSNK1A1) (NM_001025105) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CSNK1A1
Synonyms:	CK1; CK1a; CK1a; HEL-S-77p; HLCDGP1; PRO2975
ACCN:	NM_001025105
Insert Size:	2000 bp



[View online »](#)

Insert Sequence: >SC215378 3'UTR clone of NM_001025105
 The sequence shown below is from the reference sequence of NM_001025105. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAAACCAAGAGTAACATGAAAGTTTCAAGCATGAATTGAGGAACAGAAGAAGCAGAGCAGATGATCG
GAGCAGCATTGTTTCTCCCAAATCTAGAAATTTAGTTCATATGTACACTAGCCAGTGGTTGTGGAC
AACCATTTACTTGGTGTAAAGAACTTAATTTCACTATAAACTGACTCTGGGCAGCATTGGTGATGCTGT
ATCCTGAGTTGTAGCCTCTGTAATTGTGAATTAAGTGAAGATAGTAAACATGGTGTCCGGTTTTCTA
TTGCATTTTTTCAAGTGGAAAAGTTAACTAAATGGTTGACACACAAAAATGGTGGAGAAATGTGCAT
ATGCCAATTTTTGTAAACCTTTTGTGTTGAACTATACTGCTTTGAGATCTCATTTCAGAAGAACGG
CATGAACAGTCTTCAGCCACAGTTGTGATGGTTGTTAAATGCTCACAATTGTGCATTCTTAGGGTTTT
CCATCCCTGGGGTTGCAAGTTGTTCACTTAAACATTCTTAAATGGTTGGCTTCTGTCTGCAAGCC
AGCTGATATGGTAGCAACCAAGATTCCAGTGTGTTGAGCATATGAAAGACTCTGCCTGCTTAATTGTGC
TAGAAATAACAGCATCTAAAGTGAAGACTTAAGAAAACTTAGTGACTACTAGATTATCCTTAGGACTC
TGCACTAACTCTATAATGTTCTTGGTATTAATAAAAAAGCATATTTGTACAGAAATTTAGTTAACATC
TTCAACTGAACATGTATGTATGTTGCTTAGATAAATGTAATCACTGTAAACATCTATATGATCTGGGA
TTTTGTTTTATTTGAAATGGGAGCTTTTTGTTTACAAGTTCATTAATAACTAAAACTGTTTCTGT
AAGGAAATGAGATTTTTTAAACAACAAAAATGCCTTGCTGACTCACTATTAATAAAAAATCTCCCC
AATTTTTGATAGACTACTTCAAGCCATTTGTTACATGGTATTCCTTTGCAAGTCAATTTAGGTTTCGT
GTTATACTTTTCTCTTTTTTAAAGAAAAATGAAAAAGTAATCTTTTTGTCTGAAGGGAAAGGCAT
TCTTTCATTTTTTCTTTTTTTTTTTTTTTTTTTTATGACTTGCAGGCACAATATCTAGTACTGCAACTG
CCAGAACTTGGTATTGTAGCTGCTGCCCTGACTAGCAGCTGGACTGATTTTGAATAAAAAATGAAAGC
ATTAAGGGTTTTCCCTACAAAACATTTTTCTTAAAAACTTTTTGAAATGGCTATAAGCAGTTGACTTT
CACCCCTGGAGAGCATCACACTGTGTGAGGTTCAAGTATTGTTGACCCTCCCAGCCCTCTGCTTCT
TTAAGTTATCTGTGTGCGTGCCTTCTCTCAATCTTCTTTGCACGCTCATTCTTTTTCTCTGACCCA
TGAGAAAGGAAAACCTTACTGATGATAATTTTTAAATAGTGAATTTATTCATTTATAGCATGTCAGGAT
AAATTAAGAACATTTGTCTGGAAATGCTGCCGGGAGCCTATTGTGAAATGTAGGTATTTGTAAAA
TAACCTTGAATGTAAATTGACACGTGTTGGTCAAGTTGTTGCAAGTTAATTTGTTTTGTTTTCTT
TTTTCTTTTTTTATTTGAAAACCTTTAGCAATAATTAATCCATGATTATCACATTCTGCCATTAA
GGGATATTAGTACCGTAATACTGAAGAAATTTATTAAGTCTGAACTTCTGGGGTAGGCAGCTTCTTTG
TTTTTTTTCTATCCACCCTTGTCCGGTTGAGGTATTTGTTTCTTGACTAATAAACCCCTTTGATACTTTA
GCCAGAAATCAGTCTCATAAAGCTATTTTTGAGTATAGTTTGTGTAATAAAAAATGTTTAGCTTTGGT
AATAACTCCAAGCTGAACTCCCTCTAGCAAGATTTTTTCAGTGCTTTTATTTACTATGCACCTAGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACC GCCCCTTCTATGAAAGG
  
```

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_001025105.3](#)

Summary: Casein kinases are operationally defined by their preferential utilization of acidic proteins such as caseins as substrates. It can phosphorylate a large number of proteins. Participates in Wnt signaling. Phosphorylates CTNNB1 at 'Ser-45'. May phosphorylate PER1 and PER2. May play a role in segregating chromosomes during mitosis (PubMed:11955436, PubMed:1409656, PubMed:18305108). May play a role in keratin cytoskeleton disassembly and thereby, it may regulate epithelial cell migration (PubMed:23902688).[UniProtKB/Swiss-Prot Function]

Locus ID: 1452

MW: 77.1