

Product datasheet for **SC213671**

CKII alpha (CSNK2A1) (NM_177559) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CKII alpha (CSNK2A1) (NM_177559) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CSNK2A1
Synonyms:	CK2A1; Cka1; Cka2; CKII; OCNDS
ACCN:	NM_177559
Insert Size:	2000 bp



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Insert Sequence: >SC213671 3'UTR clone of NM_177559
 The sequence shown below is from the reference sequence of NM_177559. 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
GTTCCAGCTGCCGCTGGCGCTCAGCAGTAACGGCCCTATCTGTCTCCTGATGCTGAGCAGAGGTGGGG
GAGTCCACCCTCTCCTTGATGCAGCTTTCGCGCTGGCGGGGAGGGGTGAAACACTTCAGAAGCACCGTGT
CTGAACCGTTGCTGTGGATTTATAGTAGTTTCAGTCATAAAAAAAAAAATTATAATAGGCTGATTTTCTT
TTTTCTTTTTTTTTTAACTCGAACTTTTCATAACTCAGGGGATTCCTGAAAAATTACCTGCAGGTGG
AATATTTTCATGGACAAATTTTTTTTTCTCCCTCCCAAATTTAGTTCCTCATCACAAAAGAACAAGAT
AAACCAGCCTCAATCCCGGCTGCTGCATTTAGGTGGAGACTTCTCCATTCCCACCATTGTTCTCCA
CCGTCCCACACTTTAGGGGGTGGTATCTCGTGTCTTCTCCAGAGATTACAAAAATGTAGCTTCTCAG
GGGAGGCAGGAAGAAAGGAAGGAAGGAAGGAAGGGAGGACCAATCTATAGGAGCAGTGGACTGC
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ACCGTCCCCTTCCCTCACATGCCATCCAGTGAGAAGACCTGCTCCTCAGTCTTGTAAATGTATCTTGAG
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TAGATTCACAGGCCTTTCTCGCCTAGGCATCATAGATAAACGTAATTGTTTGGGGAGTTGAATTTAATG
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ATGGTAACTTTAGAGGACGCTAAAGCCTCTTTTATAGCGCTTCTCAACGGTAGGGAGAGCTGAAGG
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_177559.3](#)

Summary:

Casein kinase II is a serine/threonine protein kinase that phosphorylates acidic proteins such as casein. It is involved in various cellular processes, including cell cycle control, apoptosis, and circadian rhythm. The kinase exists as a tetramer and is composed of an alpha, an alpha-prime, and two beta subunits. The alpha subunits contain the catalytic activity while the beta subunits undergo autophosphorylation. The protein encoded by this gene represents the alpha subunit. Multiple transcript variants encoding different protein isoforms have been found for this gene. [provided by RefSeq, Apr 2018]

Locus ID:

1457

MW:

75.7