

Product datasheet for **SC316548**

CCNK (NM_001099402) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCNK (NM_001099402) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCNK
Synonyms:	CPR4; IDDHDF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

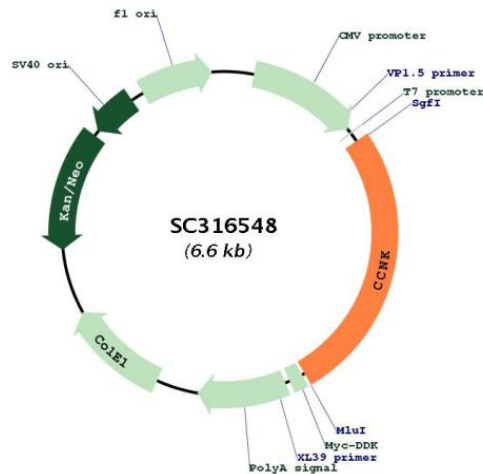


[View online »](#)

Fully Sequenced ORF: >SC316548 representing NM_001099402.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAAGGAGAATAAGAAAAATCAAGCCCTTCAGTAACTTCAGCAAACCTGGACCACACAAAGCCATGT
TGGTACTGGGATAAGAAAGACTTGGCTCATACACCCCTCACAACCTGAAGGACTTGATCCAGCCACCGAG
GCCCGGTACCGCCGAGAGGGCGCTCGGTTTCATCTTTGATGTGGGCACACGTTTGGGGCTACTATGAT
ACCCTGGCAACTGGAATAATTTATTTTCATCGCTTCTATATGTTTCATTCTTCAAGCAATTCCTCAAGA
TATGTGACAGGAGCCTGTGCTCTTTCTGGTGGGAAAGTAGAAGAAACACAAAAAATGTAAAGAT
ATCATCAAACAGCTCGTAGTTTATTAATGATGTACAATTTGGCCAGTTTGGAGATGACCCAAAGGAG
GAAGTAATGGTTCTGGAGAGAATCTTACTGCAGACCATCAAGTTTGATTTACAGGTAGAACATCCATAC
CAGTTCCTACTAAAATATGCAAAGCAACTCAAAGGTGATAAAAACAAAATTCAAAAGTTGGTTCAAATG
GCATGGACATTTGTAATGACAGTCTCTGCACCACCTTGTCACTGCAGTGGGAACAGAGATCATAGCA
GTAGCAGTGATGTATCTCGCAGGACGTTTGTGCAAATTTGAAATACAAGAATGGACCTCCAAACCCATG
TATAGGAGATGGTGGGAGCAGTTTGTTCAGATGTCCCGGTGACGTTTTTGGGAAGACATCTGCCACCAA
ATCCTGGATCTTTACTCAAGGAAAACACAGATGCCTCATCACACCCCCATCAGCTGCAACAGCCC
CCATCTCTTACGCTACACCACAAGTGCCGCAAGTACAGCAGTCACAGCCGTCTCAAAGCTCCGAACCA
TCCCAGCCCCAGCAGAAGGACCCCCAGCAACCAGCCAGCAGCAGCCAGCCAAACAGCCCAAGAAA
CCCTCTCCGCAGCCAGTTCTCCCGACAGGTTAAGCGAGCCGTGGTTGTTTCTCCCAAAGAAGAGAAC
AAAGCAGCAGAACCACCACCCTAAAAATCCCCAAAATGAGACCACTCATCCACCGTTGCCTCCAGCC
CACCCACCTCCAGACCGAAGCCTCCCTCGCTGCTGCCTTAGGTGAGGCTGAGCCGCCGGGCCCTGTG
GATGCCACTGACCTCCCCAAAGTCCAGATTCCCCCTCCGGCCACCCGGCCCTGTGCACCAGCCACCG
CCGCTGCCACACCGGCCCCCGCCCCACCCCTCCAGCTACATGACCGGGATGTCCACCACCCAGCTCC
TACATGTCTGGAGAGGGCTACCAGAGCCTGCAGTCCATGATGAAGACCGAGGGACCCTCCTACGGTGCC
CTGCCCCCGCCTACGGCCACCTGCACACCTGCCCTACCACCCCATGTCTACCCGCCCAACCCGCC
CCGCCACCTGTGCTCCTCCCCAGCCTCCTCCCCCACCTGCCATCCCACCCCTACTCCTGGCTAC
CCCCACCCACCCACCTACAACCCAACTTCCACCCCCACCCACCCCTCCCGCTACCCACGCA
GTCCCCCTCATCCTCCTCCAGGTTGGGCTGCCGCCAGCCAGTACCCACCTCCTGCCGTCCCCCT
GGAGGACAGCCTCCTGTGCCCGCCATTCCCCACCCGGCATGCCTCCAGTTGGGGGGCTGGGGCGG
GCAGCCTGGATGAGATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_001099402

Insert Size: 1743 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in *E. coli* are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001099402.1</u>
RefSeq Size:	2618 bp
RefSeq ORF:	1743 bp
Locus ID:	8812
UniProt ID:	<u>O75909</u>
Cytogenetics:	14q32.2
Protein Families:	Druggable Genome, Transcription Factors
MW:	64.2 kDa
Gene Summary:	<p>The protein encoded by this gene is a member of the transcription cyclin family. These cyclins may regulate transcription through their association with and activation of cyclin-dependent kinases (CDK) that phosphorylate the C-terminal domain (CTD) of the large subunit of RNA polymerase II. This gene product may play a dual role in regulating CDK and RNA polymerase II activities. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>