

Product datasheet for **MR217610**

Ccnk (NM_009832) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccnk (NM_009832) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccnk
Synonyms:	AW123198; AW413594; CPR4; CycK
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR217610 representing NM_009832
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGGAGAACAAGAAAACCTCAAGCCCTTCAGTCACGTCAGCAAACCTGGACCACACAAAACCATGTT
 GGTACTGGGATAAGAAGGACCTAGCGCACACCCCTCACAACTTGAAGGACTCGATCCAGCCACTGAGGC
 CCGGTACCGCCGAGAGGGGGCTCGCTTCATCTTTGATGTGGGCACACGTTTGGGGTTACACTATGACACC
 CTGGCAACTGGAATCATTATTTTACCAGATTTTATATGTTCCATTCTTCAAACAATTCCCAAGATACG
 TGACAGGAGCTTGTGTCTTTTTCTGGCTGGGAAAGTAGAGGAAACGCCAAAAAGTGTAAGATATCAT
 CAAAACGGCTCGTAGTTTATTAATGATGTCCAGTTTCGGCCAGTTTGGAGATGACCCAAAGGAAGAAGTC
 ATGGTGTGGAGAGGATCTTACTGCAGACCATAAAGTTTGACTTACAAGTAGAGCATCCGTACCAGTTCC
 TGCTCAAATATGCAAAGCAGCTCAAAGGTGATAAAAACAAAATTGAGAAGTTGGTTCAAATGGCATGGAC
 ATTTGTAATGACAGTCTCTGCACCACCCTGCTACTGCAGTGGGAACCAGAGATCATAGCTGTCGAGTA
 ATGTATCTTTCGGGACGTTTGTGCAAATTTGAAATACAAGAGTGGACCTCAAACCCATGTATAGGAGAT
 GGTGGGAGCAGTTCGTTCAAGATGTCCCTGTTGACGTTCTGGAAGACATCTGCCACCAAAATCCTGGACCT
 TTACTACAAGGGAAACAACAGATGCCTCATCACACCCTCATCAGCTGCAGCAGCCCCATCTCTTCAG
 CCTACACCACAAGTGCCCGAGGGGCCACAGTCCCAACCATCTCAAGGCTCAGAAGCAGCCAGCCTCCAC
 AGAAGGACTCGCAGCAGTCAGCCAGCAGCAACAGCAGCAAGCACAACAGCCAAAGAAACCATCCCTCA
 GCCCAGTCTCCCGACAGGCCAAGCGCGCCGTGGTGGTTTCTCCAAGGAAGAGAACAAAGCTACAGAA
 CCACCACCACCTAAAATCCCAAACCTTGAGGCTACTACCCACCATTGCCTCCAGCACACCCACCTC
 CAGACCCGAAGCCTCCCTCGCCCTGCCTTAGGTGAGGCTGAAGCAACTGGTCTGTGGAACAAGTGA
 TCTCCCCAAAGTCCAGATTCCCCCTCAGCCACCAGCCCTGTGCACCAGCCCCACCATTGCCACAT
 CGGCCACCACCCCGCCACCCTCCAGCTACATGACGGGATGTCCACCACAGCTCCTACATGTCAGGAG
 AGGGCTATCAGAGCCTGCAGTCCATGATGAAGACGGAGGGCCCTCCTATGGTGCCTGCCCCAGCCTA
 CGGCCACCTGCTCACCTAACCTACCACCCCATGTCTATCCCCCAACCCACCTCCACCTCCTGTTCT
 CCACCCAGCCTCCTTTCCCCACCCACCATTCTCCCCCTACCCAGGCTACCTCCCCCTCCCCCTA
 CCTACAACCCCAATTTCCACCCCAACCCACGCTGCCCAACTCATGCAGTCCCTCCTCACCTCC
 TCCAGGCTTGGGTTTGCACCAGCCAGTACCCACCTCCAGCTGTCCCCCTGGGGACAGCCCCCTGTT
 CCCCCACCATCCCCCCTGGTATGCCACCTGTTGGGGGCTAGGGCGGGCGGCTGGATGAGA

ACGCGTACGCGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR217610 representing NM_009832
 Red=Cloning site Green=Tags(s)

MKENKENSPPSVTSANLDHTKPCWYWDKDLAHTPSQLEGLDPATEARYRREGARFIFDVGTRLGLHYDT
 LATGIIYFHRFYMFHSFKQFPRYVTGACCLFLAGKVEETPKKCKDIKTAARSLNDVQFGQFGDDPKKEE
 MVLERILLQTIKFDLQVEHPYQFLLKYAKQLKGDKNKIQLVQMAWTFVNDLCTTSLQWEPEIIAVAV
 MYLAGRLCKFEIQEWTSPMYRRWWEQFVQDVPVDVLEDICHQILDLYSQGKQMPHHTPHLQQPPSLQ
 PTPQVPQGPQSQPSQGEAAQPPQKDSQSAQQQQQAQQPKKPSQPSPPRQAKRAVVVSPKEENKATE
 PPPPPKIPKLEATHPPLPPAHPPPDRKPLAPALGEAEATGPVETSDLPKVQIPPPAHPAPVHQPPLPH
 RPPPPPPSSYMTGMSTTSSYMSGEGYQSLQSMKTEGPSYGALPPAYGPPAHLTYHPHVPPNPPPPVP
 PPPASFPPPTIPPTPGYPPPPPTYNPNFPPPPRLLPPTHAVPPHPPGLGLPPASYPVPPVPPGQPPV
 PPIPPPGMPVGGGLGRAAWMR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9088_f08.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



ACCN: NM_009832

ORF Size: 1746 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](#)

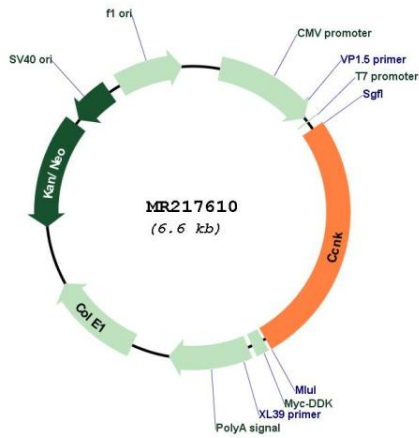
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:
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: [NM_009832.2](#), [NP_033962.2](#)
 RefSeq Size: 2632 bp
 RefSeq ORF: 1749 bp
 Locus ID: 12454
 Cytogenetics: 12 59.23 cM
 MW: 64.3 kDa

Product images:



Circular map for MR217610