

## Product datasheet for **RR201647**

### **Ccnk (NM\_001109672) Rat Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ccnk (NM_001109672) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccnk
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**ORF Nucleotide Sequence:**

>RR201647 representing NM\_001109672  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAAGGAGAACAAGAAAATTCAAGCCGTCAGTCACATCAGCAAACCTGGACCACACAAAACCATGTT  
 GGTACTGGGATAAGAAGGACTTGGCGCATACCCCTCACAACTTGAAGGACTCGATCCAGCCACTGAGGC  
 CCGGTACCGCCGAGAGGGGGCTCGTTCATCTTTGATGTGGGCACACGTTTGGGGTTACACTATGACACC  
 CTGGCAACTGGAATCATTATTTTACCAGATTCTATATGTTCCATTCTTCAAACAATCCCAAGATACG  
 TGACAGGAGCCTGTTGTCTTTCTGGCTGGGAAAGTAGAGGAAACACCAAAAAAGTGTAAAGATATCAT  
 CAAAACGGCTCGTAGTTTATTAATGATGTCCAGTTTGGCCAGTTTGGAGATGACCCAAAGGAAGAAGTC  
 ATGGTGTGGAGAGGATCCTACTGCAGACCATAAAGTTCGACTTACAAGTAGAGCATCCGTACCAGTTCC  
 TGCTCAAATACGCCAAGCAGCTGAAAGGTGATAAAAACAAAATTCAGAAGTTGGTTCAAATGGCATGGAC  
 ATTTGTAATGACAGTCTCTGCACCACCCTGCTACTGCAGTGGGAGCCAGAAATCATAGCTGTTGCAGTA  
 ATGTATCTTGGCGGACGTTTGTGCAAATTTGAAATACAAGAGTGGACCTCCAAGCCCATGTACAGGAGAT  
 GGTGGGAACAATTTGTTCAAGATGTCCCTGTTGACGTTCTGGAAGACATCTGCCACCAAATCCTGGACCT  
 TTATTCACAAGGGAAACAACAGATGCCTCACCACACCCTCATCAGCTGCAGCAGCCCCATCTCTTCAG  
 CCCACACCACAAGTGCCCCGGTGCCACAGGCACAGCCATCCCAAGGTTCTGAAGCAGCGCAGCCGAGC  
 AGAAGGATGCACAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC  
 GCCAAGAAACCATCCCCTCAGCCAGTCTCCGCGACAGGCCAAGCGTGCCGTGGTGGTGTCTCCCAAG  
 GAAGAGAACAAAGCCACAGAACCACCACCACCTAAAATTCCAAACCTTGAGGCTGCTCACCACCAT  
 TGCTCCAGCACACCCGCTCCAGACCGAAGCTTCCCCTGCTCCTGCCTTAGGTGAGGCTGAACCGAC  
 TGGCCCTGTGAAACAAGTGACCTCCCTAAAGTCCAGATTCTCCCCAGCCACCAGCCCTGTGCAC  
 CAGCCCCACCCTGCCACATCGGCCTCCACCCCGCCGCTCCAGCTACATGACTGGGATGTCTACCA  
 CCAGCTCTACATGTGAGGAGAGGGCTACCAGAGCCTGCAGTCCATGATGAAAACAGAGGGGCCCTCCTA  
 TGGCGCCCTTCCCCAGCCTATGGCCACCTGCTCACCTAACATACCATCCCCATGTCTACCCCCAAC  
 CCACCTCCACCTCCTGTTCTCCACCCCGCCTCCTCCCTCCACCAACCATCCCTCCCCCTACCCAG  
 GCTACCTCCACCTCCCCTACCTACAACCCCAATTTCCACCCCGCCCCACGCCTTCTCCAACCTCA  
 TGCAGTCCCTCCTACCCTCCTCCAGGCTTGGGTTTGGCCACCAGCCAGCTACCCACCTCCAGCTGTCCCT  
 CCTGGGGGCAACCCCTGTTCCCCACCACCTCCCTCCACCTGGCATGCCGCTGTTGGGGGACTAGGGC  
 GGCAGCCTGGATGAGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR201647 representing NM\_001109672  
 Red=Cloning site Green=Tags(s)

MKENKENSPPSVTSANLDHTKPCWYWDKDLAHTPSQLEGLDPATEARYRREGARFIFDVGTRLGLHYDT  
 LATGIIYFHRFYMFHSFKQFPRYVTGACCLFLAGKVEETPKKCKDIKARSLLNDVQFGQFGDDPKKEEV  
 MVLERILLQTIKFDLQVEHPYQFLLKYAKQLKGDKNKIQLVQMAWTFVNDSLCTTSLQWEPEIIAVAV  
 MYLAGRLCKFEIQEWTSKPMYRRWWEQFVQDVPVDVLEDICHQILDLYSQGKQMPHHTPHQLQQPPSLQ  
 PTPQVPPVQAQPSQGSEAAQPQQDAQQQQQQQQQQQQQQQPKPSPQSPPRQAKRAVVVSPK  
 EENKATEPPPPPKIPKLEAAHPPLPPAHPPPDRKLPALPALGAEPTGPVETSDLPKVQIPPPAHPAPVH  
 QPPPLPHRPPPPSSYMTGMSTTSSYMSGEGYQSLQSMKTEGPPSYGALPPAYGPPAHLTYHPHYVPPN  
 PPPPPVPPPPASFPPPTIPPTPGYPPPPPTYNPNFPPPPRLLPPTHAVPPHPPPLGLPPASYPVPPAVP  
 PGGQPPVPPPIPPPGMPPVGGGLGRAAWMR

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

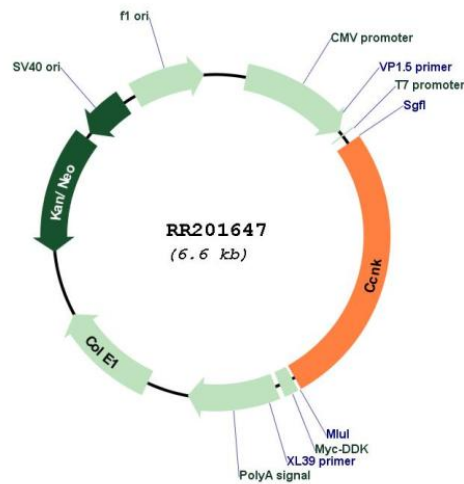
**Restriction Sites:**

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM\_001109672

<b>ORF Size:</b>	1767 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001109672.1</a> , <a href="#">NP_001103142.1</a>
<b>RefSeq Size:</b>	2552 bp
<b>RefSeq ORF:</b>	1770 bp
<b>Locus ID:</b>	500715
<b>Cytogenetics:</b>	6q32
<b>MW:</b>	65.4 kDa