

Product datasheet for **MR208787**

Ccnk (BC027297) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccnk (BC027297) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccnk
Synonyms:	AW123198; AW413594; CPR4; CycK
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>MR208787 representing BC027297
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGGAGAACAAGAAAACCTCAAGCCCTTCAGTCACGTCAGCAAACCTGGACCACACAAAACCATGTT
 GGTACTGGGATAAGAAGGACCTAGCGCACACCCCTCACAACTTGAAGGACTCGATCCAGCCACTGAGGC
 CCGGTACCGCCGAGAGGGGGCTCGCTTCATCTTTGATGTGGGCACACGTTTGGGGTTACACTATGACACC
 CTGGCAAATGGAATCATTATTTTACCAGATTTTATATGTTCCATTCTTCAAACAATCCCAAGATACG
 TGACAGGAGCTTGTGTCTTTTTCTGGCTGGGAAAGTAGAGGAAACGCCAAAAAAGTGTAAAGATATCAT
 CAAAACGGCTCGTAGTTTATTAATGATGTCCAGTTTCGGCCAGTTTGGAGATGACCCAAAGGAAGAAGTC
 ATGGTGTGGAGAGGATCTTACTGCAGACCATAAAGTTTGACTTACAAGTAGAGCATCCGTACCAGTTCC
 TGCTCAAATATGCAAAGCAGCTCAAAGGTGATAAAAACAAAATTCAGAAGTTGGTTCAAATGGCATGGAC
 ATTTGTAATGACAGTCTCTGCACCACCCTGCTACTGCAGTGGGAACCAGAGATCATAGCTGTCGAGTA
 ATGTATCTTGGCGGACGTTTGTGCAAATTTGAAATACAAGAGTGGACCTCAAACCCATGTATAGGAGAT
 GGTGGGAGCAGTTCGTTCAAGATGTCCCTGTTGACGTTCTGGAAGACATCTGCCACCAAATCCTGGACCT
 TTACTIONACAAGGGAAACAACAGATGCCTCATCACACCCTCATCAGCTGCAGCAGCCCCATCTCTTCAG
 CCTACACCACAAGTGCCCGAGGGGCCACAGTCCCAACCATCTCAAGGCTCAGAAGCAGCCAGCCTCCAC
 AGAAGGACTCGCAGCAGTCAGCCAGCAGCAACAGCAGCAAGCACAACAGCCAAAGAAACCATCCCTCA
 GCCCAGTCTCCCGACAGGCCAAGCGCGCCGTGGTGGTTTCTCCAAGGAAGAGAACAAAGCTACAGAA
 CCACCACCACCACTAAAATCCCAAACCTGAGGCTACTACCCACCATTGCCTCCAGCACACCCACCTC
 CAGACCCGGAAGCCTCCCTCGCCCTGCCTTAGGTGAGGCTGAAGCAACTGGTCTGTGAAACAAGTGA
 TCTCCCCAAAGTCCAGATTCCCCCTCAGCCACCCGGCCCTGTGCACCAGCCCCACCATTTGCCACAT
 CGGCCACCACCCCGCCACCCTCCAGCTACATGACGGGGATGTCCACCACCAGCTCCTACATGTCAGGAG
 AGGGCTATCAGAGCCTGCAGTCCATGATGAAGACGGAGGGCCCTCCTATGGTGCCTGCCCCAGCCTC
 CTTTCCCCCACCACCATTCCTCCCCCTACCCAGGCTACCCTCCCCCTCCCCCTACCTACAACCCCAAT
 TTCCACCCCCACCCACGCCTGCCCAACTCATGCAGTCCCTCCTCACCTCCTCCAGGCTTGGGTT
 TGCCACCAGCCAGCTACCACCTCCAGCTGTCCCCCTGGGGACAGCCCCCTGTCCCCCACCATCCC
 CCCACCTGGTATGCCACCTGTTGGGGGCTAGGGCGGGCGCCTGGATGAGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208787 representing BC027297
 Red=Cloning site Green=Tags(s)

MKENKENSPPSVTSANLDHTKPCWYWDKDLAHTPSQLEGLDPATEARYRREGARFIFDVGTRLGLHYDT
 LANGIIYFHRFYMFHSFKQFPRYVTGACCLFLAGKVEETPKKCKDIIKTARSLNDVQFGQFGDDPKKEEV
 MVLERILLQTIKFDLQVEHPYQFLLKYAKQLKGDKNKIQKLVQMAWTFVNDSLCTTSLQWEPEIIAVAV
 MYLAGRLCKFEIQEWTSKPMYRRWWEQFQDVPVDVLEDICHQILDLYSQGKQMPHHTPHQLQQPPSLQ
 PTPQVPQGPQSPSQSGSEAAQPPQKDSQSAQQQQQAQPKKPSPPRQAKRAVVVSPKEENKATE
 PPPPPKIPKLEATHPPLPPAHPPPDRKPLAPALGAEATGPVETSDLPKVQIPPPAHPAPVHQPPLPH
 RPPPPPPSSYMTGMSTTSSYMSGEGYQSLQSMKTEGPSYGALPPASFPPTIPPTPGYPPPPPTYNPN
 FPPPPRPLPPTHAVPPHPPGLGLPPASYPVAVPPGGQPPVPPPIPPPGMPPVGGGLGRAAWMR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

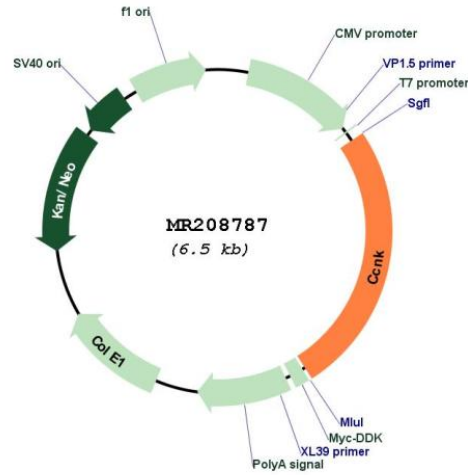
Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN:	BC027297
ORF Size:	1662 bp
OTI Disclaimer:	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:	<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:	BC027297.1
RefSeq Size:	2479 bp
RefSeq ORF:	1664 bp
Locus ID:	12454
Cytogenetics:	12 59.23 cM
MW:	90.9 kDa