

Product datasheet for MR205881

Ccni (NM_017367) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccni (NM_017367) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccni
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR205881 representing NM_017367 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGTTCCAGGACCTTTGGAAAACCAGAGATTGTCTTCTCTGTTGGAAAGGGCAATCTCCAGGGAAG
CCCAGATGTGGAAGGTGAATGTGCCGAAAATACCTACAAATCAGAATGTTTCTCCATCCCAGAGAGATGA
AGTAATCAATGGTTGGCCAACTCAAATACCAGTTCACCTCTATCCAGAAACATTTGCTCTGGCAAGC
AGTCTTTTGGATAGGTTTTAGCTACAGTAAAAGCCCATCCAAAATATTTGAATTGTATTGCAATCAGCT
GTTTTTTCTGGCTGCTAAGACTGTTGAGGAAGATGAGAAAATCCAGTGTAAAGTATTGGCAAGAGA
CAGTTTCTGTGGATGTTCTCATCTGAGATTTTGAGAATGGAGAGAATTATTCTGGATAAAATTGAATTGG
GATCTTCACACGGCTACACCATTGGATTTTCTCACATTTTCCATGCCATTGCGGTGTCAGCTAGGCCTC
AGTTACTTTTTCAGTTTGCCTAAATTGAGCCCATCTCAACATTTGGCAGTCTGACCAAGCAGCTGCTTCA
CTGTATGGCCTGCAACCAACTTCTGCAGTTCAAAGGGTCCATGCTTGCTCTGGCCATGGTTAGTCTGGAA
ATGGAGAACTCATTCTGATTGGCTTCTCTTACGATTGAAGTCTTCCAGAAAGCACAGATGGACAGCT
CCCAGTTGATCCACTGTCGGGAGCTGGTGGCATATCACCTTTCTGCTCTGCAGTCTGCCCTGCCTCTAAA
TTCCGTTTATGTCTACCGTCCCCTCAAGCACACCCTGGTAACCTGTGACAAAGGAGCATTCAAATTACAT
CCCTCCTCTGTCTCAGGCCAGATTTCTCCAAGGACAACAGCAAGCCAGAAGTGCCAGTCCGAGGTCAG
CAGCCTTCCACCTGCATCTCCCCGCTGCCAGTGGGTGCAAGCAAACCTCTGCTAAACGGAAAGTGGAGGA
GATGGAGGTGGATGACTTCTACGATGGGATCAAGCGGCTCTATAATGAGGACAATGGTCTGAGAATGTG
GGTTCTGTATGTGGCACTGATTTATCAAGGCAAGAGGGCCATGCTTCCCCTGTCCACCTTTGCAGCCTG
TTTCTGTCATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR205881 representing NM_017367
 Red=Cloning site Green=Tags(s)

MKFPGPLENQRLSSLLERAI SREAQMVKVNPVKIPTNQNVSPSQRDEVIQWLAKLKYQFNLYPETFALAS
 SLLDRFLATVKAHPKYLNCIAISCFFLAAKTVEEDEKIPVLKVLARDSFCGCSSEILRMERIIDKLNW
 DLHTATPLDFLHIFHAI AVSARPQLLFSLPKLSPSQHLAVLTKQLLHCMACNQLLQFKGSM LALAMVSLE
 MEKLIPDWLPLTIELLQKAQMDSSQLIHCRELVAYHLSALQSALPLNSVYVYRPLKHTLVTCDKGAFKLH
 PSSVSGPDFSKDNSKPEVPVRGPAAFHLHLPAASGCKQTS AKRKVEEMEVDFFYDGIKRLYNEDNGPENY
 GSVCGTDL SRQEGHASPCLPQPVSVM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9043_f12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_017367

ORF Size: 1131 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:

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_017367.3](#), [NP_059063.2](#)

RefSeq Size: 2830 bp

RefSeq ORF: 1134 bp

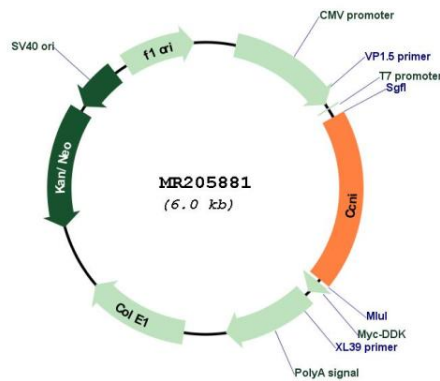
Locus ID: 12453

UniProt ID: [Q9Z2V9](#)

Cytogenetics: 5 E2

MW: 42.6 kDa

Product images:



Circular map for MR205881