

Product datasheet for **MG205881**

Ccni (NM_017367) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccni (NM_017367) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ccni
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205881 representing NM_017367 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGTTCCAGGACCTTTGGAAAACCAGAGATTGTCTTCTCTGTTGGAAAGGGCAATCTCCAGGGAAG
CCCAGATGTGGAAGGTGAATGTGCCGAAAATACCTACAAATCAGAATGTTTCTCCATCCCAGAGAGATGA
AGTAATCAATGGTTGGCCAACTCAAATACCAGTTCAACCTCTATCCAGAAACATTTGCTCTGGCAAGC
AGTCTTTTGGATAGGTTTTAGCTACAGTAAAAGCCCATCCAAAATATTTGAATTGTATTGCAATCAGCT
GTTTTTTTCTGGCTGCTAAGACTGTTGAGGAAGATGAGAAAATCCAGTGTAAAGTATTGGCAAGAGA
CAGTTTCTGTGGATGTTCTCATCTGAGATTTTGAGAATGGAGAGAATTATTCTGGATAAAATTGAATTGG
GATCTTCACACGGCTACACCATTGGATTTTCTCACATTTTCCATGCCATTGCGGTGTCAGCTAGGCCTC
AGTTACTTTTTCAGTTTGCCTAAATTTGAGCCATCTCAACATTTGGCAGTCTGACCAAGCAGCTGCTTCA
CTGTATGGCCTGCAACCAACTTCTGCAGTTCAAAGGGTCCATGCTTGCTCTGGCCATGGTTAGTCTGGAA
ATGGAGAACTCATTCTGATTGGCTTCTCTTACGATTGAAGTCTTCCAGAAAGCACAGATGGACAGCT
CCCAGTTGATCCACTGTCGGGAGCTGGTGGCATATCACCTTTCTGCTCTGCAGTCTGCCCTGCCTCTAA
TTCCGTTTATGTCTACCGTCCCCTCAAGCACACCCTGGTAACCTGTGACAAAGGAGCATTCAAATTACAT
CCCTCCTCTGTCTCAGGCCAGATTTCTCCAAGGACAACAGCAAGCCAGAAGTGCCAGTCCGAGGTCAG
CAGCCTTCCACCTGCATCTCCCCGCTGCCAGTGGGTGCAAGCAAACCTCTGCTAAACGGAAAGTGGAGGA
GATGGAGGTGGATGACTTCTACGATGGGATCAAGCGGCTCTATAATGAGGACAATGGTCTGAGAATGTG
GGTTCTGTATGTGGCACTGATTTATCAAGGCAAGAGGGCCATGCTTCCCCTGTCCACCTTTGCAGCCTG
TTTCTGTCATG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205881 representing NM_017367
 Red=Cloning site Green=Tags(s)

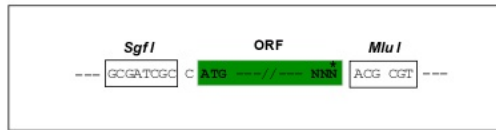
MKFFPGPLENQRLSSLLERAISSREAQMVKVNPVKIPTNQNVSPSQRDEVIQWLAKLKYQFNLYPETFALAS
 SLLDRFLATVKAHPKYLNCIAISCFFLAAKTVEEDEKIPVLKVLARDSFCGCSSEILRMERIIIDKLNW
 DLHTATPLDFLHIFHAIIVSARPQLLFSLPKLSPSQHLAVLTKQLLHCMACNQLLQFKGSMALAMVSLE
 MEKLI PDWLPLTIELLQKAQMDSSQLIHCRELVAYHLSALQSALPLNSVYVYRPLKHTLVTCDKGAFKLH
 PSSVSGPDFSKDNSKPEVPVRGPAAFHLHLPAASGCKQTSAKRKVEEMEVDDFYDGIKRLYNEDNGPENY
 GSVCGTDL SRQEGHASPCLPQPVSVM

TRTRPLE - GFP Tag - V

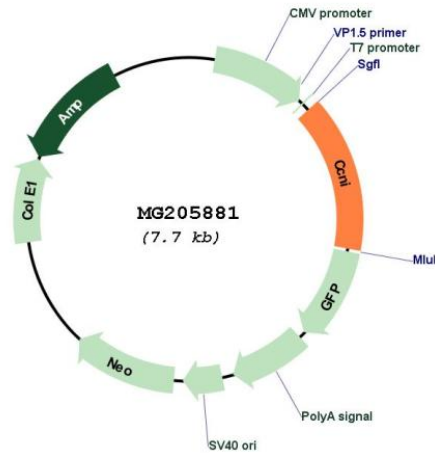
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



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:	<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:	NM_017367.3 , NP_059063.2
RefSeq Size:	2830 bp
RefSeq ORF:	1134 bp
Locus ID:	12453
UniProt ID:	Q9Z2V9
Cytogenetics:	5 E2