

## Product datasheet for **RC205591**

### Cyclin M3 (CNNM3) (NM\_017623) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cyclin M3 (CNNM3) (NM_017623) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cyclin M3
Synonyms:	ACDP3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide  
Sequence:

>RC205591 representing NM\_017623  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGCGGCGGCGGTAGCTGCGGCGGGTTCGGTTAGCTGGTTGTTGCGCGGCTCTGCCTGGCAACGCCG  
CGGGGAGGCCCGCGCCGGGCCCGAGTCTGGGCTTCTGCCTGGAGGAGATGGAGCGGCGGGCGCGGG  
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GAGCCCAGAACCTGCCACAGTCCCCTGAGAACCCGACCTGCAGGTTATTCCAGGAGCCAGACCAGGCT  
CCTTGGTGAAGACCACCACAGCGGAGGGTCCAGCCACAGCAGGCCCGGCGTCCCAGTGAAGGCAGC  
CCTGGGCGGAACCCAGGCGTT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC205591 representing NM\_017623  
Red=Cloning site Green=Tags(s)

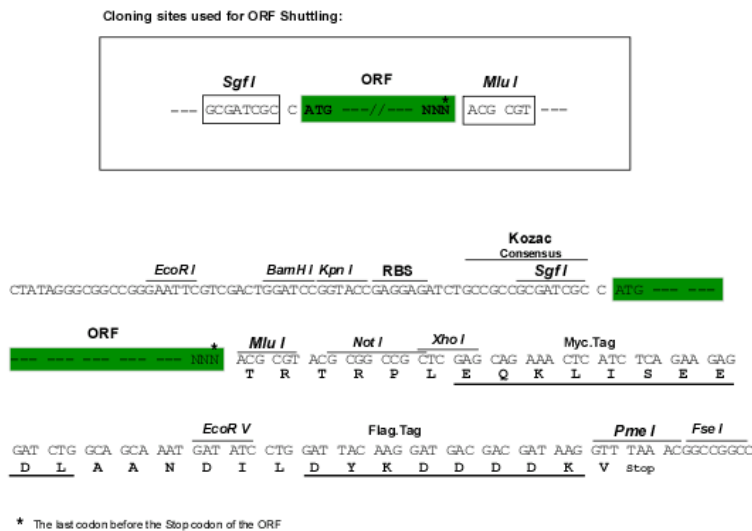
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 VYEEERSNIVDMLYLKDLAFVDPEDCTPLSTITRFYNHPLHFVFNKLDKDAVLEEFKRGKSHLAIVQKVN  
 NEGEGDPFYEVLGLVTLEDVIEEIRSEILDESEDYRDTVVKRKPASLMAPLKRKEEFSLFKVSDDYKVV  
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 ILQGRVEVEIGKEGLKFENGAFTYYGVSALTPSSVHQSPVSSLQPIRHDLPDPGDGTHSSAYCPDYTV  
 RALSDLQLIKVTRLQYLNALLATRAQNLPQSPENTDLQVIPGSQTRLLGEKTTTAAGSSHSRPGVPVEGS  
 PGRNPGV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_017623

**ORF Size:** 2121 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\\_017623.5](#)

**RefSeq Size:** 4916 bp

**RefSeq ORF:** 2124 bp

**Locus ID:** 26505

**UniProt ID:** [Q8NE01](#)

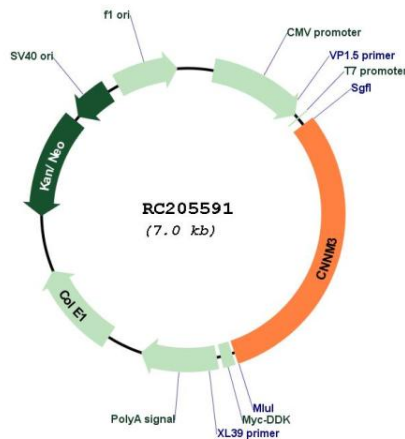
**Cytogenetics:** 2q11.2

**Protein Families:** Transcription Factors, Transmembrane

**MW:** 75.9 kDa

**Gene Summary:** Probable metal transporter.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC205591