

Product datasheet for **RG220947**

Cyclin M3 (CNNM3) (NM_199078) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyclin M3 (CNNM3) (NM_199078) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CNNM3
Synonyms:	ACDP3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

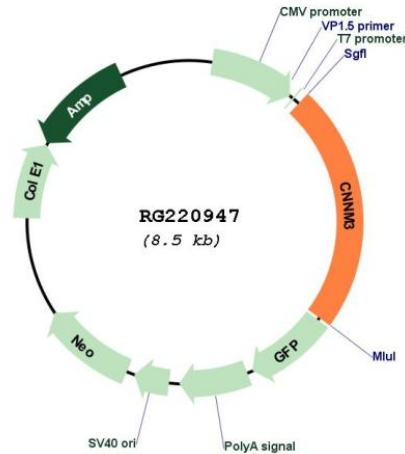
ORF Nucleotide
Sequence:

>RG220947 representing NM_199078
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGGGCGGCGGTAGCTGCGGGCGGTTCGTTAGCTGGTTGTTGCGCGCCTCTGCCTGGCAACGCCG
CGGGGAGGCCGCGCCGGGCCCGAGTCTGGCTTCTGCCTGGAGGAGGATGGAGCGGGCGCGGG
TTGGGTACGCGGAGGGCGGGCGGGACACCCGACGCCACCTTCTCTGCGCCTCTTCGCCCCGGG
TTCGCCAACAGCTCTTGGTCTGGTGGTGGCCCGGAGGGGGCGGGCTGCCGGAGGAGGGCGCTCCCCG
CGGGGAGTGGCGCGCTGCTGCGCTTGCCTGCGGGCCGAGGCCGTGCGCCGCACTCGGCGCTGCT
GGCGGTGCGCTGGAGCCGGTGGCGGGCGGTGAGGAGGGCGCGCCCTGGCTCTGGCCTGGGG
GCGGCCGGCTGCTGGCCTGGCAGCGTGGCGGAGGCCGTGAGCTGAGCGCGTGGCGTGGCGCTG
CCGAGGTGAGGTGCTGCGGAGAGCGCTCGGAGGCGGAGCGTGGCGGGCGGGCGCTTTGGAGCCCG
GCGCGCTGGGCCGGCTGCGCTTGGCGCGCTGCTGCTGCTGGCCAGCTGGCGCAGGGCGCGCTGGCG
GTGCTGCTGTACCGCGCGCCGGCCAGCGTGGCGTGGCCGCCGTGTTGGGAGCGCGGGGCTCGTGTTC
TGGTGGGAGAGGTGGTGGCGGCCCGTGGAGCGGGCGTGGACGCTGGCGTGGCGCCGCGAGCGCTCGG
CCTCAGCCGCTGGCGCTCTGCTCACTGTCCTGCTGCGCTGGCCGTGGGGCAGCTGCTGGAGTGGCG
GCGCGGCCCGGGCGGTGCGGGAGCGGTGCTGGAGTGGCGCGGGCGGGCGGACCCCTACAGCGATC
TCAGCAAGGGCGTGTGCGCTGCCGACCGTGGAGGAGTGTCAACGCCCTCGAAGACTGCTTCATGCT
GGACGCCAGCACCGTGTGGACTTCGGCGTCTGGCCAGCATCATGCAGAGCGGCCACACGCGCATCCCG
GTGTACGAGGAGGAGCGCTCCAACATCGTGGACATGCTCTACCTCAAGGACTTGGCTTCGTGGATCCCG
AAGACTGCACGCCGCTCAGCACCATCACTCGTTTCTACAACCATCCGCTCCACTTCGTCTCAACGACAC
CAAGCTGGACGCTGTCTGGAGGAATCAAGCGAGGAGACCCGTGGTGAAGAGGAAGCCTGCTTCTCTG
ATGGCCCCCTGAAGCGGAAGGAGGAGTTCTCTTGTCAAGGTGTCTGATGATGAATATAAAGTAACAA
TCTCGCTCAGCTGCTCTGGCCACCCAGCGCTTCTGTCCCGAGAAGTGGATGTATTACGCCCGTGGC
CATCTCTGAGAAGTCTGCTGCACCTGTTGAAGCATCCAGTGTCAACCAGGAAGTGGGTTTGACGAG
AGCAACCGGTGGCCACACCACTACCTGTACCAGCGCAGCCAGCCGGTGGATTACTTCATTCTCATCC
TGCAGGGCAGGGTTGAAGTGGAGATCGGAAAGAGGGTCTGAAGTTTGAGAATGGGGCTTACGTA
TGGAGTGTGGCCCTAACTGTCCATCCTCGTTACACAGTCCCGGTGCTCTGCTCCAGCCATCCGC
CATGACCTGCAGCCGACCCAGGTGACGGCAGCATTCTGCTGCTATTGTCGCTACACCGTGGGG
CGCTCTGATCTGCAGCTCATCAAGTTACGCGACTGCAGTACCTCAATGCACTCCTGGCTACCCGAGC
CCAGAACCTGCCACAGTCCCCTGAGAACACCGACTGCAGTTATTCCAGGCAGCCAGACCAGGCTCCTT
GGTGAGAAGACCACCACGCGGAGGGTCCAGCCACAGCAGGCCCGGCGTCCCGGTGGAAGGCAGCCCTG
GGCGGAACCCAGGCGTT

ACCGTACGCGGGCGCTCGAG - GFP Tag - GTTAA

Plasmid Map:


ACCN: NM_199078

ORF Size: 1977 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_199078.3](#)

RefSeq Size: 3313 bp
RefSeq ORF: 1980 bp
Locus ID: 26505
UniProt ID: [Q8NE01](#)
Cytogenetics: 2q11.2
Protein Families: Transcription Factors, Transmembrane
Gene Summary: Probable metal transporter.[UniProtKB/Swiss-Prot Function]