

## Product datasheet for **SC114055**

### Cyclin M3 (CNNM3) (NM\_017623) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cyclin M3 (CNNM3) (NM_017623) Human Untagged Clone
Tag:	Tag Free
Symbol:	CNNM3
Synonyms:	ACDP3
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_017623, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGCGGCGGTAGCTGCGGCGGGTCGGTTAGGCTGGTTGTTGCGCCGCTCTGCCTGGGCAACGCCG
CGGGGAGGCGCGCGGGCCCGGAGTGCTGGGCTTCTGCCTGGAGGAGGATGGAGCGGCGGGCGCGGG
TTGGGTACGCGGAGGGCGGCGGGACACGCCGACGCCACTTCTCCTGCGCCTCTTCGGCCCGGGC
TTCGCCAACAGCTCTTGGTCCTGGGTGGCCCCGAGGGGCGGGCTGCCGGGAGGAGGCGGCTCCCCCG
CGGGCGAGTGGCGCGCTGCTGCGCTTGCCTGCGGGCCGAGGCCGTGCGCCCGCACTCGGCGTGCT
GGCGGTGCGCGTGGAGCCGGGTGGCGGGCGGGTGAAGAGGCGGCGCGCCCTGGGCTCTGGGCTGGGG
GCGGCCGGGCTGCTGGGCTGGCAGCGTGGCGGAGGCTGCAGCTGAGCGCGTGGCGTGGCGCTG
CCGAGGTGCAAGTGTGCGCGAGAGCGGCTCGGAGGCGGAGCGTGCAGCGGCGCGGCTTTGGAGCCGC
GCGGCGTGGGCCGGCTGCGCTTGGGCGCGTGTGCTGCTGGCCAGCTGGCGAGGCGGCGTGGCG
GTGCTGTGTACGCGCGGCCCGCCAGCGTGGGTGCCCGCGTGTGGGAGCGCGGGGCTCGTGTTC
TGGTGGGAGAGGTGGTGCAGGCCCGGTGAGCGGGCGTGGACGCTGGCGTGGCCCGCGAGCGCTCGG
CCTCAGCCGCTGGCCGTCTGCTCACTGCTGCCGTGCGCTGCCGTGGGGCAGCTGCTGGAGTGGCG
GCGCGGCCCGGGCGGCTGCGGGAGCGGGTGTGGAGTGGCGCGGCGGCGGCGGACCCCTACAGCGATC
TCAGCAAGGGCGTGTGCGCTGCCGACCGTGGAGGACGTGCTACGCCCTCGAAGACTGCTTCATGCT
GGACGCCAGCACCCTGCTGGACTTCGGGCTCCTGGCCAGCATCATGCAGAGCGGCCACACGCGATCCCC
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AAGACTGCAGCCGCTCAGCACCATCACTCGTTTCTACAACATCCGCTCCACTTCGTCTCAACGACAC
CAAGTGGACGCTGCTGGAGGAATTAAGCGAGGGAAGTCCCACCTGGCCATCGTGCAGAAGTGAAC
AACGAGGGTGAAGGCGACCCCTTCTACGAGTCTGGGCTGGTACCCCTGGAGGACGTGATCGAGGAGA
TCATCAGTCCGAGATCCTGGACGAGTCTGAAGACTACCGAGACACCGTGGTGAAGAGGAAGCCTGCTTC
TCTGATGGCCCTCTGAAGCGGAAGGAGGAGTTCTCCTTGTCAAGGTGTCTGATGATGAATATAAAGTA
ACAATCTGCGCTCAGTCTCTTGGCCACCAGCGCTTCTGTCCGAGAAGTGGATGATTACGCCCGC
TGCGCATCTTGAGAAGGTCTGCTGCACCTGTTGAAGCATCCCAGTGTCAACCAGGAAGTGAAGTTTGA
CGAGAGCAACCGGCTGGCCACACACCACTACCTGTACCAGCGCAGCCAGCCGGTGGATTACTTCATTCTC
ATCCTGCAGGGCAGGGTTGAAGTGGAGATCGGAAAGAGGGTCTGAAGTTTGAAGTGGGGCCTTACGT
ACTATGGAGTGTGCGCCCTAACTGTGCCATCCTCGTTACCAGTCCCCGGTGCCTCGCTCCAGCCAT
CCGCCATGACCTGCAGCCGACCCAGGTGACGGCACGCATTCATCTGCGTATTGTCCGACTACACCGTG
AGGGCGCTCTGATCTGCAGCTCATCAAGTTACGCGACTGCAGTACCTCAATGCACTCCTGGCTACCC
GAGCCCAGAACCTGCCACAGTCCCTGAGAACACCGACCTGCAGGTTATTCCAGGAGCCAGACCAGGCT
CCTTGGTGAAGACCACACAGCGGAGGTCAGCCACAGCAGGCCCGGGCTCCCGGTGGAAGGCAGC
CTGGGCGGAACCCAGGCGTTAA
    
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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_017623 unedited</p> <pre> ACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCGCCGCGAGCGCTCGGCCCTCAG CCGCTGGCCGTCTGCTCACTCTGCCCGTGCCTGCGCTGCCCGTGGGGCAGCTGCTGGAGCT GGCGGCGCGCCCGGGCGGCTGCGGGAGCGGGTGTGGAGCTGGCGCGCGGGCGGGCGGA CCCCTACAGCGATCTCAGCAAGGGCGTGTGCGCTGCCGACCGTGGAGGACGTGCTCAC GCCCCTCGAAGACTGCTTCATGCTGGACGCCAGCACCGTGTGGACTTCGGCGTCCAGTGGC CAGCATCATGCAGAGCGGCCACACGCGCATCCCGGTGTACGAGGAGGAGCGCTCCAACAT CGTGGACATGCTCTACCTCAAGGACTTGGCCTTGTGGATCCCGAAGACTGCACGCGCT CAGCACCATCACTCGTTTCTACAACCATCCGCTCCACTTCGTCTTCAACGACACCAAGCT GGACGCTGCTCCTGGAGGAATTCAAGCGAGGGAAGTCCCACCTGGCCATCGTGCAGAAGGT GAACAACGAGGGTGAAGGCGACCCCTTCTACGANGTCTGGCCCTGNTCACCCCTGGAGGA CGTGATCGAGGAGATCATCAGGTCGAGATCCTGGACGAGTCTGAAGACTACCGAGACAC CGTGTGAANGAGGAAGCCTGCTTCTGATGGCCCTCTGAAGCGGAGGGAGAGTTCTTC TTGGTCAGGTGTCTGATGATGAATATAAAGTACAATCTCGCCTCAGCTGCTCTTGGCACC CAGCGCTTCTGTTCCGAGAAGGGGATGATTCAGCCGCTGCCACTCTGAGAAGGCCTGCT GCACCTGGTGAAGCATCCCTGTACCCGAGTGAGGTTTGACCAGACACCCGNTGCCACC CACATACTGTACACGCAGCAGCGTGATCTCATCTATCTGCGGAGG </pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_017623 unedited</p> <pre> CGCGCCACGCTTATCTAGNAGTCGAGTTTTTCTTTTTTTTTTTTTTTTTTTTTTTTTTTT TTTTTTTGTCTCAAAGTTATTCCTTGAGGACAATTTCTAAGCAAGGGTATCACTGGTG GTTTGACCTTCAGTCCCATTATAAGGGGCCAAATTCCTTTGAGAAAAGTTCCAGAAATC CTCTCCCTCCCTACCAATCTATGATCCTATGCCTTGGGATGCCCGTTTCCACACAGC TGAAGAACTACGGAAGGAAAATGGAGTAAACTAGAAGAAAAGACAAATGCCTTCCTGTT CCCCTTCTCTAAAACCCCATAGCTTGGAAACAGAAAAAAGGAAAGACTTGAATGGTC TAGAGATAAACAAAACTTTTTTTTTTTTTAAAGAGGATCCACCTGGTTCATGAACCTC CCTCACTGGTTTTTGGACATCACGGGCACACAGCACCTGCAGGGAGGCTGTGGGGAGGTG TGGAACAAGTGCAACAGGCAGCTACTCTCTGGGGCCACACGGCGGAGAGAGGATTCTGA TGCAGATGACGATCCCTTCTCCAGGCATGACCTCTTCTCAGAACACGGGAACGTGACA ACACTGGGAGTGGCAACTCAACAGGTGGGCAGAGAAGCAAAAAGGGGCCCTCAGCACCAC TAGGCCAGCTCTTAGAATCAGAAGAGCAGCCTTCAGGGAGGGAGCCAGGCTACAGGGACA GCCTACGGGCAGTGGAGCTTCTGGTTGGCACATGGGAAGGCTGGGGCGCATGCGCTGAA ACTGACACCTTCGGAAGCCAGAAAGACCACTGGACAAGCCATCGTCTGAACCCCAACCA AATGGTGTCTTGGCTTGTCAAAAGGCTGCCCCACCATAGGTGGCAATTTAAGCAACAATG AGGCACGCCACCAAGCGGTAAGTACTGACTCACAGTGGCTCACAAAAGTCTGATTCTAATGC G </pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_017623
<b>Insert Size:</b>	2800 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_017623.2</a> , <a href="#">NP_060093.2</a>
<b>RefSeq Size:</b>	4916 bp
<b>RefSeq ORF:</b>	1149 bp
<b>Locus ID:</b>	26505
<b>UniProt ID:</b>	<a href="#">Q8NE01</a>
<b>Cytogenetics:</b>	2q11.2
<b>Protein Families:</b>	Transcription Factors, Transmembrane
<b>Gene Summary:</b>	Probable metal transporter.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1).