

## Product datasheet for **SC324502**

### CCNQ (NM\_152274) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CCNQ (NM\_152274) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** CCNQ  
**Synonyms:** CycM; FAM58A  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC (PS100020)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_152274.2  
 CGGCTTTCGCGCCGGGGCCGCTCTCCTTCCGCCGGTGCCGCGCCCTCATGGAAGC  
 CCCGGAGGGCGGGAGGGGGGCTGCAGCGCGGGCCCGAGGGGCAGCCGGCGCCGA  
 AGCCAGGGTGCACTTCCGAGTGGCGAGGTTTCATCATGGAGGCAGGTGTCAAGCTAGGGAT  
 GCGGTCCATTCCATTGCCACTGCTTGACCATTACCATAAGTTCTTTTGCAGACCAA  
 CCTGGACGCCTATGACCCTTACCTGATTGCCATGTCTTCAATTTACTTGGCCGGCAAAGT  
 GGAAGAGCAGCACCTGCCGACTCGTGACATCATCAATGTGTCCAACAGGTAATTTAACCC  
 AAGCGGTGAGCCCTGGAATTGGACTCCCGCTTCTGGAACTCCGGGACAGCATCGTGCA  
 GTGTGAGCTTTCATGCTGAGAGTTCTGCGCTTCCAGGTCTCCTTCCAGCATCCACAA  
 GTACCTGCTCCACTACCTGGTTTCCCTCCAGAAGTGGTGAACCGCCACAGCTGGCAGCG  
 GACCCCTGTTGCCGTACCGCTGGGCCCTGCTGCGGGACAGCTACCATGGGGCGCTGTG  
 CCTCCGCTTCCAGGCCAGCACATCGCCGTGGCGGTGCTCTACCTGGCCCTGCAGGTCTA  
 CGGAGTTGAGGTGCCCGCGAGGTCGAGGCTGAGAAGCCGTGGTGGCAGGTGTTAATGA  
 CGACCTTACCAAGCCAATCATTGATAATATTGTGTCTGATCTCATTTCAGATTTATACCAT  
 GGACACAGAGATCCCCTAAGGTCTGGCCAGGCCTGCCCAAAGAGAAGCCAGGATGGT  
 CGGCTGCCTGGGACATTGTACCACGTCGCCATGACGGTGGTCCCCACAGGACCAGCT  
 GGGAGGACTGGTTGTGCTGCTGGAGAAGGGCTGGAGAAGGCAATGGCATGCTGCCGCTTT  
 GCCAGTCCCTAGAAGTCGCGTGCAGGTGATGGTGGGAGCCGCGCTCCAGCGGGCAGGC  
 CGGGAGTGTACTGTGTCAGCTGACCCAAGGCAGCCACATCTGCGTTTGTCTTTGAGAG  
 GACTTTGACTACAATACAGGCATGACATCAATGAAAGGAAAGTCATGAAATCGATGAGAC  
 TGAATCCCTACGATTTCTTAAAAGCCAGATTTGTAGGGAGAATGAATGTGCAACGTGGC  
 TGAATCTATTTGTGTAATAAAAAGGTGATACAAGTCAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire  
**ACCN:** NM\_152274



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<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>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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>	<u><a href="#">NM_152274.2</a></u> , <u><a href="#">NP_689487.1</a></u>
<b>RefSeq Size:</b>	1308 bp
<b>RefSeq ORF:</b>	645 bp
<b>Locus ID:</b>	92002
<b>UniProt ID:</b>	<u><a href="#">Q8N1B3</a></u>
<b>Cytogenetics:</b>	Xq28
<b>Domains:</b>	CYCLIN, cyclin
<b>Gene Summary:</b>	Mutations in this gene have been shown to cause an X-linked dominant STAR syndrome that typically manifests syndactyly, telecanthus and anogenital and renal malformations. The protein encoded by this gene contains a cyclin-box-fold domain which suggests it may have a role in controlling nuclear cell division cycles. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Oct 2008] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).