

Product datasheet for **SC327767**

CCNQ (NM_152274) Human Untagged Clone

Product data:

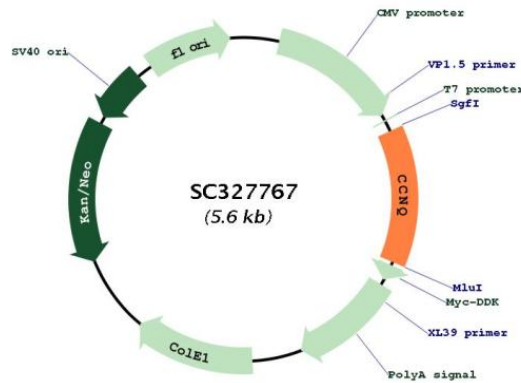
Product Type:	Expression Plasmids
Product Name:	CCNQ (NM_152274) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCNQ
Synonyms:	CycM; FAM58A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC327767 representing NM_152274. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAAGCCCCGGAGGGCGGCGAGGGGGGCTGCAGCGCGGGGCCGGAGGGGCAGCCGGCCCGAA
GCCAGGGTCACTTCCGAGTGGCGAGGTTATCATGGAGGCAGGTGTCAAGCTAGGGATGCGGTCCATT
CCCATTGCCACTGCTTGCAACATTTACCATAAGTTCTTTTGCAGACCAACCTGGACGCCTATGACCCT
TACCTGATTGCCATGTCTCAATTTACTTGGCCGGCAAAGTGAAGAGCAGCACCTGCGGACTCGTGAC
ATCATCAATGTGCCAACAGTACTTTAACCCAAGCGGTGAGCCCCTGGAATTGGACTCCCGCTTCTGG
GAACTCCGGGACAGCATCGTGCAGTGTGAGCTTCTCATGCTGAGAGTTCTGCGCTTCCAGGTCTCCTTC
CAGCATCCACACAAGTACCTGCTCCACTACCTGGTTTCCCTCCAGAACTGGCTGAACCGCCACAGCTGG
CAGCGGACCCCTGTTGCCGTACCCGCTGGGCCCTGCTGCGGACAGCTACCATGGGGCGCTGTGCCTC
CGCTTCCAGGCCAGCACATCGCCGTGGCGGTGCTCTACCTGGCCCTGCAGGTCTACGGATTGAGGTG
CCCGCCGAGGTCGAGGCTGAGAAGCCGTGGTGGCAGGTGTTAATGACGACCTTACCAAGCCAATCATT
GATAATATTGTGTCTGATCTCATTAGATTTATACCATGGACACAGAGATCCCTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-MluI



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Plasmid Map:


ACCN: NM_152274

Insert Size: 747 bp

OTI Disclaimer: 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).

OTI Annotation: 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.

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_152274.4](#)

RefSeq Size: 1324 bp

RefSeq ORF: 747 bp

Locus ID: 92002

UniProt ID: [Q8N1B3](#)

Cytogenetics: Xq28

Domains: CYCLIN, cyclin

MW: 28.4 kDa

Gene Summary: 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).