

Product datasheet for **SC206082**

CNG1 (CNGA1) (NM_001142564) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: CNG1 (CNGA1) (NM_001142564) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CNGA1
Synonyms: CNCG; CNCG1; CNG-1; CNG1; RCNC1; RCNCa; RCNCalpha; RP49
ACCN: NM_001142564
Insert Size: 474 bp
Insert Sequence: >SC206082 3'UTR clone of NM_001142564
The sequence shown below is from the reference sequence of NM_001142564. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCGGAAAGTGGGCCCATCGACTCTACATAGAACCGAAAAGCTGGTCATTAAACAGGGACATGCCTCATGA
TCCTTTTGATCCTATGACTGACATCAACTAAAATTTAAAAGAAGAGGAAGACTCAGTTGGGAAATTTT
CCATGAGGAAAATGTGCTTTGGTGCAAGGTACAAGGCCACACCTCTCTGAGAGATACTATGATTA
AAAGCTTTATATCTTGGGATTTTTCACAACTGATAATGTGCAAAGATATAAACTGATTAACCTGTGCA
GTCTGTATTTTCTGATTTTTCACATACGCTCATTATGTAATATTCTTCATAAAAATGAATAAGTAG
CCCTCACTTTCATGCCATTTCCATTGTTGAGTGAAGCGTATTTGAAGTAACTGAGAATTACCATGTACA
TCATATTTGGGATAACATTTTAAAATTAGACTGCAATAAAGTAAAATTAATTATGCAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001142564.2](#)



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Summary:	The protein encoded by this gene is involved in phototransduction. Along with another protein, the encoded protein forms a cGMP-gated cation channel in the plasma membrane, allowing depolarization of rod photoreceptors. This represents the last step in the phototransduction pathway. Defects in this gene are a cause of retinitis pigmentosa autosomal recessive (ARRP) disease. Multiple transcript variants have been found for this gene. [provided by RefSeq, Oct 2019]
Locus ID:	1259
MW:	18.2