

Product datasheet for SC214062

CNG3 (CNGA3) (NM_001298) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: CNG3 (CNGA3) (NM_001298) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CNGA3
Synonyms: ACHM2; CCNC1; CCNCa; CCNCalpha; CNGG3; CNG3
ACCN: NM_001298
Insert Size: 1376 bp
Insert Sequence: >SC214062 3'UTR clone of NM_001298
 The sequence shown below is from the reference sequence of NM_001298. 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
GCTACAAAAACAGAGGACAAACAACAGTGAAAATGCAGCATCTGTCTCCTGCTTCACAGGGTCGACTGT
CAGGGTGACCGTATGTGGCCGACGTGTGTGGCATGGAACCTGGTCAGGGTTGAATTCCAGCTCTACTC
ACCCTTTGAAAGCTGTGTGACTGCCTGAGAGAACCTGTTTCTTACCTAAAAAATGGGACTTTTTGTCT
CAGTCCCAGTGAAGTGCCAGGTTTGATTGTGAAGTCCGCATGAAACACTGCACCAGGCAGGGCTTTGCA
AAGTGCAAGGTATCCCCAGTCCAAGTATATGAAAACGTGCACACAGGACTCTCATTACTTTTTATGGA
ATCTGCAAGGTGTTTTAGGCTTTTTAATCTGATTTTCTATAAATGAAAGATTATTTAGTCACCTTTC
TCCTGTCCAACCTCACCACCACCTGATAATGGGTATATAACAGGAAGCTGAAGGTACAACATAGTGACT
AAAATTCAGACTTACACAAGACAGTTTGAGGCATATTTCTTAATCTGGTATCACCTCGTGTCTTTG
GGGCCCTAGAAACCCTGGCTTTTGGGAGTGCTATGGCAAGTAGAAGTTCTGCCGGATGGAAGAGGGCTG
CCCCATTTGAGGTCATTTAAAATCTGTGAAGCAAATCCAGACTCCTTGCCGTTCCAGCCACTGTGAAACC
AGAATCTGCTTACAGAAAAAGCATCTCAGTTAGGAGAAGAGACATCCCCTCCTTCTCACTTGCCAAA
GAGATTCAAAGACAGCCCTATCCTCCATTCTTGAGTCAGGGCCCTAGGTGACCTATTCTAACTCAAGG
AGGAGAGCTATGTACAGGGAGAGCATTTTAGATTGAAGGTTGGAATGGTGTACTAAACAAAAAAGCTG
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GAGGAAGCCTCAAGATCCCTTGGAAATGCATCCAAGGCAAAGCTTTTGGCTCACCGAAAGCTCACAGA
TTGCAGAAATTAGCTTTTTAAAAAACAACCCAGTAAATATAATTTCAATTTTATAACAGAT
TTATATTTTGTAGTTCCTGTGATTGCAAATATGACCTCAAATTCATCCTTCACTTATGTAACATGTTG
CAAATACCCAAAGATGAGTCTTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT
TCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT
TAACTGTTAGTTATGCCTGCATTATTTGCACAGGAAAAAATAAGACCTGGATTTAAAAATA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-Mlul
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:	<u>NM_001298.3</u>
Summary:	This gene encodes a member of the cyclic nucleotide-gated cation channel protein family which is required for normal vision and olfactory signal transduction. Mutations in this gene are associated with achromatopsia (rod monochromacy) and color blindness. Two alternatively spliced transcripts encoding different isoforms have been described. [provided by RefSeq, Jul 2008]
Locus ID:	1261
MW:	52.9