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Product datasheet for SC204204

CACNA1G (NM_198383) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CACNA1G (NM_198383) Human 3' UTR Clone
Symbol:	CACNA1G
Synonyms:	Ca(V)T.1; Cav3.1; NBR13; SCA42; SCA42ND
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_198383
Insert Size:	753 bp
Insert Sequence:	>SC204204 3'UTR clone of NM_198383 The sequence shown below is from the reference sequence of NM_198383. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TCCTCTGACCCAGCAGACCTGGACCCCTGAGTCCTGCCCCACTTTCCCACTCACCTTTCTCCACTGGGT GCCAAGTCCTAGCTCCTCCTCCTGGGCTATATTCCTGACAAAAGTTCCATATAGACACCAAGGAGGCGG AGGCGCTCCTCCCTGCCTCAGTGGCTCTGGGTACCTGCAAGCAGAACTTCCAAAGAGAGTTAAAAGCAG CAGCCCCGGCAACTCTGGCTCCAGGCAGAAGGAGAGGCCCGGTGCAGCTGAGGTTCCCGACACCAGAAG CTGTTGGGAGAAAGCAATACGTTTGTGCAGAATCTCTATGTATATTCTATTTTATTAAATTAATTGAAT CTAGTATATGCGGGATGTACGACATTTTGTGACTGAAGAGACTTGTTTCCTTCTACTTTTATGTGTCTC AGAATATTTTTGAGGCGAAGGCGTCTGTCTCTTGGCTATTTTAACCTAAAATAACAGTCTAGTTATATT CCCTCTTCTTGCAAAGCACAAGCTGGGACCGCGAGCACATTGCAGCCCCAACGGTGGCCCATCTTCAGC GGAGAGCGAGAACCATTTTGGAAACTGTAATGTAACTTATTTTTTCCTTTAACCTCGTCATCATTTTCT GTAGGGAAAAAAAAAAGAAAAAGAAAAAATGAGATTTTACAAGTGAAATGGAACCTTTTTATATATACA TACATACATATCTATCTATCTATCTATATATATATAAAATAAAGTAATTTTCCTAAATAAAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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).

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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_198383.3
Summary:	Voltage-sensitive calcium channels mediate the entry of calcium ions into excitable cells, and are also involved in a variety of calcium-dependent processes, including muscle contraction, hormone or neurotransmitter release, gene expression, cell motility, cell division, and cell death. This gene encodes a T-type, low-voltage activated calcium channel. The T-type channels generate currents that are both transient, owing to fast inactivation, and tiny, owing to small conductance. T-type channels are thought to be involved in pacemaker activity, low-threshold calcium spikes, neuronal oscillations and resonance, and rebound burst firing. Many alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Sep 2011]
Locus ID:	8913
MW:	29.2

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