

Product datasheet for **SC204191**

CACNA1S (NM_000069) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: CACNA1S (NM_000069) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CACNA1S
Synonyms: CACNL1A3; Cav1.1; CCHL1A3; HOKPP; HOKPP1; hypoPP; MHS5; TTPP1
ACCN: NM_000069
Insert Size: 349 bp
Insert Sequence: >SC204191 3'UTR clone of NM_000069
The sequence shown below is from the reference sequence of NM_000069. 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
CAGGAGACCCTTATTCTCCAAGGCTGTGATGCCACACAGCATCAGCATGGGCTTAGAGCTGGCATGA
CCAATGGGGGTGGGAAGTTGCTGGGGTGGAGAAGGGCTAGCCACCGCAGCAGCCTCCCTCCCTCTCA
GCAGCTAGATGCATGGCCTGAGGCAGGGTGGTCAGGAACCACTCAAAAAGTGCGGAGGAAGTAGCTGG
ACAGGCCCTGCCCTCACCAGCAAGAGGCATGATTGGATGGAGCTTCTAATGTCATTCAAAAAGGCTG
GTCAGTGCCTGTCTGGCCTAGGGCCACTCCACCTGCAGGACATTAATACTCCAGGCCTGTGACTG
GCAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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_000069.3](#)



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Summary: This gene encodes one of the five subunits of the slowly inactivating L-type voltage-dependent calcium channel in skeletal muscle cells. Mutations in this gene have been associated with hypokalemic periodic paralysis, thyrotoxic periodic paralysis and malignant hyperthermia susceptibility. [provided by RefSeq, Jul 2008]

Locus ID: 779

MW: 12.3