

Product datasheet for **SC204918**

CACNA2D3 (NM_018398) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CACNA2D3 (NM_018398) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CACNA2D3
Synonyms:	HSA272268
ACCN:	NM_018398
Insert Size:	381 bp
Insert Sequence:	>SC204918 3'UTR clone of NM_018398

The sequence shown below is from the reference sequence of NM_018398. 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
CCTCTGCTTTTGATGCTCTTCTCAAGGTGACACTGACTGAGATGTTCTCTTACTGACTGAGATGTTCTC
TTGGCATGCTAAATCATGGATAAACTGTGAACCAAAATATGGTGCAACATACGAGACATGAATATAGTC
CAACCATCAGCATCTCATCATGATTTTAAACTGTGCGTGATATAAACTCTTAAAGATATGTTGACAAAA
AGTTATCTATCATCTTTTACTTTGCCAGTCATGCAAATGTGAGTTTGGCACATGATAATCACCTTCA
TCAGAAATGGGACCGCAAGTGGTAGGCAGTGCCCTTCTGCTTGAACCTATTGAAACCAATTTAAAC
TGTGTACTTTTTAAATAAAGTATATTAATCATAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites:	Sgfl-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:	<u>NM_018398.3</u>



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Summary:

This gene encodes a member of the alpha-2/delta subunit family, a protein in the voltage-dependent calcium channel complex. Calcium channels mediate the influx of calcium ions into the cell upon membrane polarization and consist of a complex of alpha-1, alpha-2/delta, beta, and gamma subunits in a 1:1:1:1 ratio. Various versions of each of these subunits exist, either expressed from similar genes or the result of alternative splicing. Research on a highly similar protein in rabbit suggests the protein described in this record is cleaved into alpha-2 and delta subunits. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized. [provided by RefSeq, Jul 2008]

Locus ID:

55799

MW:

14.2