

Product datasheet for **SC212167**

CaV1.3 (CACNA1D) (NM_001128839) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CaV1.3 (CACNA1D) (NM_001128839) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CACNA1D
Synonyms:	CACH3; CACN4; CACNL1A2; Cav1.3; CCHL1A2; PASNA; SANDD
ACCN:	NM_001128839
Insert Size:	2000 bp



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Insert Sequence:

>SC212167 3'UTR clone of NM_001128839

The sequence shown below is from the reference sequence of NM_001128839. 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
GATGAAATGATATGCATCACCACCTTGTAGCCCCAGCGAGGGGCGAGACTGGCTCTGGCCTCAGGTGGG
GCGCAGGAGAGCCAGGGGAAAAGTGCCATAGTTAGGAAAAGTTTAGGCACTAGTTGGGAGTAATATTC
AATTAATTAGACTTTTGTATAAGAGATGTCATGCCTCAAGAAAGCCATAAACCTGGTAGGAACAGGTCC
CAAGCGGTTGAGCCTGGCAGAGTACCATGCGCTCGGCCAGCTGCAGGAAACAGCAGGCCCGCCCTC
TCACAGAGGATGGGTGAGGAGGCCAGACCTGCCCTGCCCATTTGCCAGATGGGCACTGCTGTGGAGTC
TGCTTCTCCCATGTACCAGGGCACCAGGCCACCAACTGAAGGCATGGCGGGGGTGCAGGGGAAAG
TTAAAGGTGATGACGATCATCACCTGTGTCGTTACCTCAGCCATCGGTCTAGCATATCAGTCACTGG
GCCAACATATCCATTTTAAACCTTTCCCCAAATACACTGCGTCCTGGTTCTGTTTAGCTGTTCT
GAAATACGGTGTGTAAGTAAGTCAAGACCCAGCTACCAGTGATTATTGCGAGGGCAATGGACCTCATA
AATAAGGTTTTCTGTGATGTGACGCCAGTTACATAAGAGAATATCACTCCGATGGTCGGTTTTCTGACT
GTCACGCTAAGGGCAACTGTAACTGGAATAATAATGCACTCGCAACCAGGTAACTTAGATACACTAG
TTTGTTTAAAATTATAGATTTACTGTACATGACTTGTAATATACTATAATTTGTATTTGTAAGAGATG
GTCTATATTTTGAATTAAGTGTATTTGAACTGCAGCAATATCCATGGGTCCTAATAATTGTAGT
TCCCCACTAAAATCTAGAAAATTATAGTATTTTACTCGGGCTATCCAGAAGTAGAAGAAATAGAGCCA
ATTCTCATTTATTCAGCGAAAATCCTCTGGGTTAAAATTTTAAAGTTTGAAGAAGTGTGACTACAGA
AATTTTTCTAAAATATTTTGAAGTCACTATAAACCTATCATCTTTCCACAAGATATACCAGATGACTATT
TGCACTTTTTCTTTGGCAAGAGTTCATGATTTTGATACTGTACCTTTGGATCCACCATGGGTTGCA
ACTGTCTTTGGTTTTGTTTGTGTTGACTTGAACCACCTCTGGTAAGTAAGTAAGTAAGTGAATTACAGAGCAG
GTCCAGCTGGCTGCTCTGCCCTTGGGTATCCATAGTTACGGTTTTCTGTGGCCACCAGGGTGT
TTTTGCATCGCTGGTGCAGAAATGCATAGGTGGATGAGATATAGCTGCTTGTCTCTGGGACTGGT
GGTGTCTGCTTAAGAAATAAGGGGTGCTGGGACAGAGGAGCAACGTGGTGTCTATAGGATTGGAGTGT
CGGGTCTGTACAAATCGTATTGTTGCCTTTACAAAACCTGCTGTACTGTATGTTCTCTTTGAGGGCTT
TTATATGCAATTGAATGAGGGCTGAAGTTTTTCATTAGAATGCACTCACACTCTGACTGTACGTCCTGAT
GAAAACCCACTTTTGATAATTAGAACCCTCAAGGCTTCATTTTCTGTCAACAGAATTAGGCCGACTGT
CAGGTTACCTTGGCAGGATTCCCTGCAATCAAAAAGATAGATGATAGGTAGCAATTTTGGTCCAAAAT
TTTTAATAGTATACAGACAACCTGTTAATTTTTTTTTTTTTTTTTTTTTTTTGTAAATAACAAACACCAC
TTTGTTATGAAGACCTTACAAACCTCTTCTAAGACATTCTTACTCTGATCCAGGCAAAAACACTTCAA
GGTTTGTAAATGACTCTTCTGACATAAATCCTTTTTTATAAAATGCAAAATGTTCTTTCAGAATAAA
ACTGTGTAATAATTTTTTACTTGGGAGTGCTCCTTGCACAGAGCTGTCATTTGCCAGTGAGAGCCCTC
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCAGCCGCTTCTATGAAAGG
    
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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:

[NM_001128839.3](#)

Summary:

Voltage-dependent 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, and gene expression. Calcium channels are multisubunit complexes composed of alpha-1, beta, alpha-2/delta, and gamma subunits. The channel activity is directed by the pore-forming alpha-1 subunit, whereas the others act as auxiliary subunits regulating this activity. The distinctive properties of the calcium channel types are related primarily to the expression of a variety of alpha-1 isoforms, namely alpha-1A, B, C, D, E, and S. This gene encodes the alpha-1D subunit. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2012]

Locus ID:

776

MW:

75.4