

Product datasheet for **SC216235**

CACNB1 (NM_000723) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CACNB1 (NM_000723) Human 3' UTR Clone
Symbol:	CACNB1
Synonyms:	CAB1; CACNLB1; CCHLB1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000723
Insert Size:	1770 bp



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Insert Sequence: >SC216235 3'UTR clone of NM_000723
 The sequence shown below is from the reference sequence of NM_000723. 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
GGCTGGGACGAGGCGTCTACATTCGCTGAGAGGCAGGGCCACACGCGGGAGGAAGGGCTCTGAGCC
CAGGGGAGGGGAGGGAGCGAGGGGCTCACACCTGACATGTATTCCCTCCAGGGGCGCTGTCTCCCTC
CTTTCAGATGCCTTTGCTCAAAGCTTGGGGTTTCTTTGGTGTACCATCCCAGCTCCCGGGAGGCCCTT
AAGCCCCAGCTGTCGGTTTTTACCTGCCTGTTGTGGATGGATGGGGGATACCCACCTTTCTGAAGTGC
CCCTTCTCCCATCTTAAGGGGCTCTCCTCCCTCACCTCCTAGAGAAAAGGTGCACTTCTTAACTCT
TTCTACTCGGGCCCTAAGTGACGGTCTAAGTGGGATGGCTCTCCTTCTCCAAGCTGCAGTACTGGG
GAAGGGCTGGGCGCTTTTCTGGAAAGGGAGGCCACAGATTCTTCCCATGGGGGCTCTTCCCCAGA
CCCCAGATCCAAGTCCCTCACCTGCCTGCCCTTCTCCAGCTTCTGGCAGCATCGTCTGGTCCGG
TGAAAGCCATAGCATGGACACCCATGGGGAGCTTGCTTGGGGAGGGTCTGGGTGGAAGCTGGCAGG
CATAACGACCCCTTACCTCCGTGGCCATGGCAACGTCCAGGGCCAGAACCTGAGGAGTGAGCGGC
CGAGACGCTGCTCCCCACCCACCTCCATGCCTCAGCCTTTCCTACCCAGGAATGAGCTTGGCCT
CCAACATCCCTTGCTGCTGCCATTAGTAGAGGGGGCCCTCTGCATCTGAGCCCCCATCCCTGTGCC
ACCTGGGTGTGGAGCCATGGAACACTCTGGTCCGCTCATTTTAAACAAAAAACTGCTCTTACCC
TCACCTGAGGCCCCAGGGGAGAGGACCCGTGGGATGGTCCAGGGGTGCCTTGGGACCTCGGATCT
CCTCTGGGGGCTTGGCTGCTGCTGTTGCTGCTGTATTGCTCTCGTATTCTGTTTGTACCAT
GTACCTTCCCCAGGAGAGCCCTTGGTACCCCTCTCCCTGGGGCATCCCTTTGCCTTGGCATCCCT
GTAGCCAGCAACCCTGCCCTCCCCAGCATCCCAGCTGGGCCAGAGAGAGCCGAGTGTGCCAACCAAGG
ACTGGGGCCTGCCGGCTGCCCGCTCAGGGATGGGCACCTCATGCCTGTCTCGCCACCTCCTGTGCCA
ATGTCCCACCTCCACCTGGGGGTGGGGTGCAGCTTCCACTTACTGATTAGAAGACCACTGCCCTCC
CTTCCCCCTCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT
AGAAGTATTTGCCATATATAAAACCACTGTCTGCTTGTGGCTGCCTCCCAAGCCTGCTTCTTTG
TCCTCGCCACATAGTCGTGAGCGTAGGCACCTGGGAGCTGCTGATATGCACGGGGAGTTGAAAGGGTGG
GTGCTGAAGATGTTGTGCCCTGAGTCATTGACTCAAAGAAAAGATGATCCTTTGATTTTGGCCCTCT
GATGATTGTGCCAAGCCAGGAGCTGCTTGGGAGTCCAGCTCCACACTGGCCCTGAGCCCTTAC
TTACCTGTCTCTCCACAAGTAGACCCAAAGGCAATGGGAAGCTCAATGTTGCTCAGTGGGTGAGATCCA
GACCCACTGGTGCAATGTCTTAAATACACATGACTGTTTTTCTGC
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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- 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_000723.5](#)

Summary: The protein encoded by this gene belongs to the calcium channel beta subunit family. It plays an important role in the calcium channel by modulating G protein inhibition, increasing peak calcium current, controlling the alpha-1 subunit membrane targeting and shifting the voltage dependence of activation and inactivation. Alternative splicing occurs at this locus and three transcript variants encoding three distinct isoforms have been identified. [provided by RefSeq, Jul 2008]

Locus ID: 782

MW: 63.1