

## Product datasheet for **SC200954**

### **CACNB1 (NM\_199247) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	CACNB1 (NM_199247) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CACNB1
Synonyms:	CAB1; CACNLB1; CCHLB1
ACCN:	NM_199247
Insert Size:	139 bp
Insert Sequence:	>SC200954 3'UTR clone of NM_199247 The sequence shown below is from the reference sequence of NM_199247. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GTGCCCCAGGAGCAGGAACATGCCATGTAGTGGGCGCCCTGCCGTCTTCCTCCTGCTCTGGGGTCCG AACTGGAGTGCAGGGAACATGGAGGAGGAAGGAAGAGCTTTATTTGTAAAAAATAAGATGAGCGGCA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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:	<u><a href="#">NM_199247.3</a></u>



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**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:** 5.2