

## Product datasheet for **SC206032**

### **CABP (CABP1) (NM\_004276) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** CABP (CABP1) (NM\_004276) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** CABP1  
**Synonyms:** CALBRAIN; HCALB\_BR  
**ACCN:** NM\_004276  
**Insert Size:** 454 bp  
**Insert Sequence:** >SC206032 3'UTR clone of NM\_004276  
The sequence shown below is from the reference sequence of NM\_004276. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAAGAGTTTGTCCGGATGATGTCCCGCTGAGGCCGCGAGGGCCCCCTCCAGGACTGCCAAGCTCCCAAAG
GCGGGGCTAAGAGGAGCTAGAGCTTGCCTCACCCGCTGTAGCCGCGAGAGCCCAGGATGTACTGGCGG
ATGGGGCCTGCCTGCACCCCGGGGAGGGCGCCACCCCGGACCCCAACCCCTCCGCACTGTGAAAGACTA
ACTCCTGCAACTGAAAGCGGGGCGCCCGCCGACGAGGAGGCCACCGTGCCAAGCCGGCAGAGGTCAT
GCCAGGCGCCAAGGGCCATGTGCCAGCTGCTGCTGGCTGGGTGGGCCAGGGAGCCCGCCAGCAGACCC
CACACAGCATGTCCGCCCGAGGGCAAAGCCTCCACCTTCGCTCTGCGCCCGTCCAGCTCGCCTCAGC
CCTGTTATCTCAGAACCAATAAAAAATTTCCAAGAGCAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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:** [NM\\_004276.5](#)



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**Summary:**

Calcium binding proteins are an important component of calcium mediated cellular signal transduction. This gene encodes a protein that belongs to a subfamily of calcium binding proteins which share similarity to calmodulin. The protein encoded by this gene regulates the gating of voltage-gated calcium ion channels. This protein inhibits calcium-dependent inactivation and supports calcium-dependent facilitation of ion channels containing voltage-dependent L-type calcium channel subunit alpha-1C. This protein also regulates calcium-dependent activity of inositol 1,4,5-triphosphate receptors, P/Q-type voltage-gated calcium channels, and transient receptor potential channel TRPC5. This gene is predominantly expressed in retina and brain. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2012]

**Locus ID:**

9478

**MW:**

16.7