

Product datasheet for **SC206031**

CABP (CABP1) (NM_031205) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: CABP (CABP1) (NM_031205) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CABP1
Synonyms: CALBRAIN; HCALB_BR
ACCN: NM_031205
Insert Size: 454 bp
Insert Sequence: >SC206031 3'UTR clone of NM_031205
The sequence shown below is from the reference sequence of NM_031205. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG  
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC  
GAAGAGTTTGTCCGATGATGTCCCGCTGAGGCCGCGAGGGCCCCCTCCAGGACTGCCAAGCTCCCAAG  
GCGGGGCTAAGAGGAGCTAGAGCTTGCCTCACCCGCTGTAGCCGCGAGAGCCCAGGATGTACTGGCGG  
ATGGGGCCTGCCTGCACCCCGGGGAGGGCGCCACCCCGGACCCCAACCCCTCCGCACTGTGAAAGACTA  
ACTCCTGCAACTGAAAGCGGGGCGCCCGCCGACGAGGAGGCCACCGTGCCAAGCCGGCAGAGGTCAT  
GCCAGGCGCCAAGGGCCATGTGCCAGCTGCTGCTGGCTGGGTGGGCCAGGGAGCCCGCCAGCAGACCC  
CACACAGCATGTCCGCCCCAGGGCAAAGCCTCCCACCTTCGCTCTGCGCCCGTCCAGCTCGCCTCAGC  
CCTGTTATCTCAGAACCAATAAAAAATTTTCCAAGAGCAA  
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_031205.4](#)



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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