

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
Symbol:	CABP
Synonyms:	CALBRAIN; HCALB_BR
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_031205
Insert Size:	454 bp
Insert Sequence:	<p>>SC206031 3'UTR clone of NM_031205</p> <p>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.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
GAAGAGTTTGTCCGATGATGTCCCGCTAGGCCGCGAGGGCCCCCTCCAGGACTGCCAAGCTCCCAAAG
GCGGGGCTAAGAGGAGCTAGAGCTTGCTCACCCGCTGTAGCCGCCGAGAGCCCAGGATGTACTGGCGG
ATGGGGCTGCCTGCACCCCGGGGAGGCGCCACCCCGGACCCCAACCCCTCCGCACTGTGAAAGACTA
ACTCCTGCAACTGAAAGCGGGGCGCCCGCCGACGAGGAGGCCACCGTGCCAAGCCGGCAGAGGTCAT
GCCAGGCGCCAAGGGCCATGTGCCCAGCTGCTGCTGGCTGGGTGGGCCAGGGAGCCCGCCAGCAGACCC
CACACAGCATGTCCGCCCGAGGGCAAAGCCTCCCACCTTCGCTCTGCGCCCGTCCAGCTCGCCTCAGC
CCTGTTATCTCAGAACCAATAAAAAATTTCCAAGAGCAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCGCCTTCTATGAAAGG
  
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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.


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RefSeq: [NM_031205.4](#)

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