

Product datasheet for **SC206035**

CABP (CABP1) (NM_001033677) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CABP (CABP1) (NM_001033677) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CABP1
Synonyms:	CALBRAIN; HCALB_BR
ACCN:	NM_001033677
Insert Size:	454 bp
Insert Sequence:	>SC206035 3'UTR clone of NM_001033677 The sequence shown below is from the reference sequence of NM_001033677. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GAAGAGTTTGTCCGGATGATGTCCCGCTGAGGCCGCGAGGGCCCCCTCCAGGACTGCCAAGCTCCCAAAG GCGGGGCTAAGAGGAGCTAGAGTTGCTCACCCGCTGTAGCCGCGAGAGCCCAGGATGTACTGGCGG ATGGGGCCTGCCTGCACCCCGGGGAGGCGCCACCCCGGACCCCAACCCCTCCGCACTGTGAAAGACTA ACTCCTGCAACTGAAAGCGGGGCGCCCGCCGACGAGGAGGCCACCGTGCCAAGCCGGCAGAGGTCAT GCCAGGCGCCAAGGGCCATGTGCCAGCTGCTGCTGGCTGGGTGGGCCAGGGAGCCCGCCAGCAGACCC CACACAGCATGTCCGCCAGGGCAAAGCCTCCACCTTCGCTCTGCGCCCGTCCAGCTCGCCTCAGC CCTGTTATCTCAGAACCAATAAAAAATTTCCAAGAGCAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-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>NM_001033677.2</u>



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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