

Product datasheet for **SC122313**

CAMTA2 (BC032381) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CAMTA2 (BC032381) Human Untagged Clone
Tag:	Tag Free
Symbol:	CAMTA2
Synonyms:	calmodulin binding transcription activator 2; KIAA0909
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for BC032381 edited
 CACCGGAGCGGATTAACGAGAGGACTTCGTGGGGCTGCCCGAGGCTGGAGCCTCAATGC
 GGGAGCGGACAGGGGCTGTGGGGCTCAGTGAGACCATGTCCTGGCTGGCCAGCTACCTGG
 AGAATGTGGACATTTCCCCAGCTCAACCCCTCCCAGCGAACTGCCCTTTGAGCGAGGTC
 GCCTGGCTGTCCCTTCAGCACCTCCTGGGCAGAGTTTCTCTGTCATCCACCAGTGGCA
 AGATGGAAGTGATTTTGCCTGCTGACACTATCAGATCACGAGCAGCGGAACTGTATG
 AGGTCGCCGAGTCATCCAGACGGCCTTCGAAAGTACAAGGGCCGGCGGCTGAAGGAGC
 AGCAGGAGGTAGCAGCAGCTGTAATCCAGCGCTGTACCAGGAACTACAAGCAGCTGACCT
 GGATTGCACTTAAGTTTGCCTCTATAAGAAGATGACCCAGGCGGCCATCCTGATCCAGA
 GCAAGTCCGAAGCTACTATGAACAGAAGCGATTTAGCAGAGCCGCGAGCGGCTGTGC
 TCATCCAGCAGCACTACCCTCTACCAGCGCAGGCCCGGCCCTCCCACCGACTTCGG
 CCACCTGCTGCCCGCAACAAAGGCTCCTTTCTACCAAGAAGCAGGACCAGGCAGCCC
 GGAAGATCATGAGATTCTGCGGCGTCCGACACAGGATGAGGGAAGTGAAGCAGAACC
 AGGAGCTGGAAGGGCTTCCCAGCCGGGACTGGCCACATGACCTGGCCACCGCCTTCTC
 ACCACCTGGGGCGCCTCGTGCAGTCTAACAGGGAGAGGGCTTCTGGGGCAGGGGGA
 GCCCTGTGCGCAGCTTTCCTGTTCACCTTTGTTGGAGCCCTCTGTAGGCCTCCTCCCTC
 CTCACCGCCTTGTCTCCACACCCCTCTCCTCGTCCCTCCTGGTCTGCCCCGTCTCTT
 TTGGTCTGGCTCCAGAAAACCCGCGCCCCACATACCTGCATCTTCCGCTGTGACCTCCG
 GAGCCCTGCTGCCCTGCTCCCAGCTCCTCCTGCTGCACCCGACTCGGCCCTCCT
 GACTTGCCTTATTTATTTGTTTCGACGCTCTCTGAATGTATCCGCTCGGTTCCACCAC
 TGCCTTCGCTGCGCACGCCCTCGTGTTCAGGGCTGACCGTGTCCCCACCGACTCCGC
 ATGTTTGCCTGTCTTCTCCTCTCTGGCCCTGTCTTACCCATCACCCGACTCTGGCC
 ACTGACTCAGGGCCGAAGGGGAGGTGGTGTACATAGGAACCGGTTGCGGAGTCCGCCCC
 CTCGCCCGAGGGGAGGGTCTTGTACATACTGTAAACATACAGAGTATAGTGAAGAATCTA
 TTTAAGGCGCGCGGGGAGGGCTGCACGCGCGGCTTGTGGTTCTCTAGCGCGCGGGGG
 CCTCTGCCGGCTCCACGGGCACTTTCTACTTGTGCATGGGCTTGGTTTATACGAATTGC
 CATTAAACATCGCTGCACCAGCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC032381 unedited
 GGCACACTGATTTGTATACGATTATATAGGCGGCCGCGNATTCCTGGGATCACCGGNAC
 GGATTAACGAGAGGACTTCGTGGGGCTGCCCGAGGCTGGAGCCTCAATGCGGGAGCGGA
 CAGGGGCTGTGGGGCTCAGTGAGACCATGTCCTGGCTGGCCAGCTACCTGGAGAAATGTGG
 ACCATTTCCCAGCTCAACCCCTCCCAGCGAACTGCCCTTTGAGCGAGGTGCGCTGGCTG
 TCCCTTACGACCCCTCCTGGGCAGAGTTTCTCTGTCATCCACCAGTGGCAAGATGGA
 GTGATTTTGCCTGCTGACACTATCAGATCACGAGCAGCGGAACTGTATGAGGCTGCC
 GAGTCATCCAGAGCGCCTTCGAAAGTACAAGGGCCGGCGGCTGAAGGAGCAGCAGGAGG
 TAGCAGCAGCTGTAATCCAGCGCTGTACCAGGAACTACAAGCAGCTGACCTGGATTGCAC
 TTAAGTTTGCCTCTATAAGAAGATGACCCAGGCGGCCATCCTGATCCAGAGCAAGTTCC
 GAAGCTACTATGAACAGAAGCGATTTAGCAGAGCCGCGAGCGGCTGTGCTCATCCAGC
 AGCACTACCGCTCCTACCAGCGCAGGCCCGGCCCTCCCACCGGACTTCGGCCACCCTGC
 CTGCCCGCAACAAAGGCTCCTTTCTACCAAGAAGCANGACCAGGCAGCCCGGAAGATCA
 TGAGATTCTGCGGCGCTGCCGACACAGGATGAGGGAACCCTGAGCAGACCAGGAGCTGG
 AAGGGCTTCCCAGCCGGGACTGGCCACATGACCTGGCCACCGCCTTCTCACCACCTG
 GGGGCGCCTCGTGCAGTCTAACAGGGAGAGGGCTTCTGGGGCAGGGGAGCCCTGTGCG
 CA

Restriction Sites: Please inquire

ACCN: BC032381

Insert Size: 1588 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC032381.1 , AAH32381.1
RefSeq Size:	1588 bp
Locus ID:	23125
Cytogenetics:	17p13.2
Gene Summary:	The protein encoded by this gene is a member of the calmodulin-binding transcription activator protein family. Members of this family share a common domain structure that consists of a transcription activation domain, a DNA-binding domain, and a calmodulin-binding domain. The encoded protein may be a transcriptional coactivator of genes involved in cardiac growth. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Jan 2010]