

## Product datasheet for **RC230673**

### CAMTA2 (NM\_001171166) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CAMTA2 (NM\_001171166) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** CAMTA2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RC230673 representing NM\_001171166  
Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGATCGCC**

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GAAGCCGCCGAGCATTACTCCTGTGTCTTTGATCACATCGCAGTGCCAGCCTCACTTGCCAGCCTGGT  
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Protein Sequence: >RC230673 representing NM\_001171166  
 Red=Cloning site Green=Tags(s)

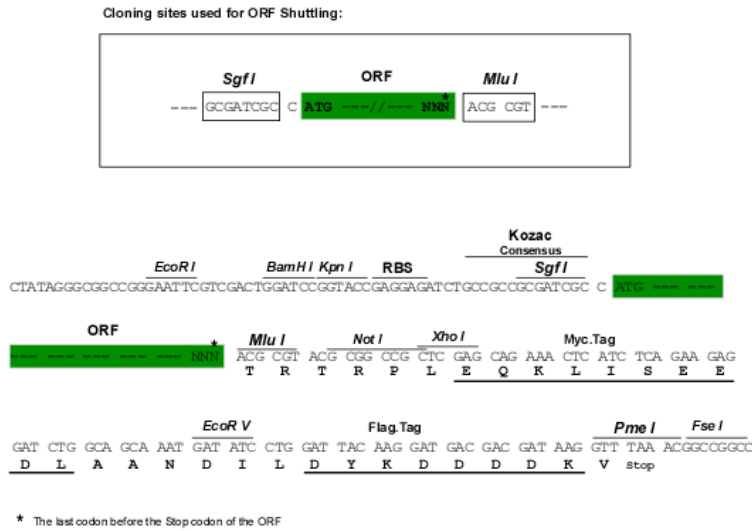
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 PQPLAT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:





**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]