

## Product datasheet for **SC206009**

### TORC2 (CRTC2) (NM\_181715) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** TORC2 (CRTC2) (NM\_181715) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** CRTC2  
**Synonyms:** TORC-2; TORC2  
**ACCN:** NM\_181715  
**Insert Size:** 464 bp  
**Insert Sequence:** >SC206009 3'UTR clone of NM\_181715  
The sequence shown below is from the reference sequence of NM\_181715. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGTCATTCCGCGAGTGACCGGCTCCAATGAGGGCACCTCATCACCATCCCTCTTCTTGCCCCATCCCC
CACCACCATTCTTTCCCTCCCTTCCCCCTGGCAGGTAGAGACTCTACTCTGTGCCAGACTCCTCTTT
CTAGCATGAATGAAGGATGCCAAGAATGAGAAAAAGCAAGGGGTTGTCCAGGTGGCCCCCTGAATTCTG
CGCAAGGGATGGGCTGGGGAACTCAAGGGAGGGCCTAAAGCACTTGTAACTTTGAACCGTCTGTCTG
GAGGTCAGAGCCTGTTGGAAAGCAGGGGTAGAGGGGAGCCCTGGAAGCAGGGCTTTCCGGATGCCTAG
GGGTGGGCGAGTGCCAGCCCTCCTCACCCTCTTCCCCTTGCAAGTGGAGGAGAGCCAGAGTGGATAC
TATTTTTTATTAATATATTATTATATGTTAATAAAAAAATCATATCAA
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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\\_181715.3](#)



[View online »](#)

**Summary:**

This gene encodes a member of the transducers of regulated cAMP response element-binding protein activity family of transcription coactivators. These proteins promote the transcription of genes targeted by the cAMP response element-binding protein, and therefore play an important role in many cellular processes. Under basal conditions the encoded protein is phosphorylated by AMP-activated protein kinase or the salt-inducible kinases and is sequestered in the cytoplasm. Upon activation by elevated cAMP or calcium, the encoded protein translocates to the nucleus and increases target gene expression. Single nucleotide polymorphisms in this gene may increase the risk of type 2 diabetes. A pseudogene of this gene is located on the long arm of chromosome 5. [provided by RefSeq, Dec 2010]

**Locus ID:**

200186

**MW:**

16.8