

Product datasheet for SC206009

TORC2 (CRTC2) (NM_181715) Human 3' UTR Clone

Product data:

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|---------------------------|--|
| Product Type: | 3' UTR Clones |
| Product Name: | TORC2 (CRTC2) (NM_181715) Human 3' UTR Clone |
| Symbol: | TORC2 |
| Synonyms: | TORC-2; TORC2 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_181715 |
| Insert Size: | 464 bp |
| Insert Sequence: | <p>>SC206009 3'UTR clone of NM_181715</p> <p>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.</p> <p>Blue=Stop Codon Red=Cloning site</p> |

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GAGTCATTCCGAGTGACCGGCTCCAAAGGGCACCTCATCACCATCCCTCTTCTTGCCCCATCCCC
CACCACCATTCTTTCTCCCTTCCCCCTGGCAGGTAGAGACTCTACTCTGTCCCCAGATCCTCTTT
CTAGCATGAATGAAGGATGCCAAGAATGAGAAAAAGCAAGGGGTTGTCCAGGTGGCCCCCTGAATTCTG
CGCAAGGGATGGGCTGGGGAACTCAAGGGAGGGCCTAAAGCACTTGTAACCTTTGAACCGTCTGTCTG
GAGGTCAGAGCCTGTTGAAAGCAGGGGTAGAGGGGAGCCCTGGAAGCAGGGCTTTCCGGATGCCTAG
GGTGGGCAGTGCCAGCCCTCCTCACCCTCTTCCCCTTGCAAGTGGAGGAGAGGCCAGAGTGGATAC
TATTTTTTATTAAATATATTATATATGTTAATAAAAAATCATATCAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_181715.3

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