

Product datasheet for **SC203912**

CREB3 (NM_006368) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CREB3 (NM_006368) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CREB3
Synonyms:	LUMAN; LZIP; sLZIP
ACCN:	NM_006368
Insert Size:	303 bp
Insert Sequence:	>SC203912 3'UTR clone of NM_006368 The sequence shown below is from the reference sequence of NM_006368. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GTCATTTTGCAGGACAGATACTCAGGCTAGATATGAGGATATGTGGGGGTCTCAGCAGGAGCCTGGGG GGCTCCCATCTGTGTCCAATAAAAAAGCGGTGGGCAAGGGCTGGCCGACGCTCCTGTGCCCTGTCAGG ACGACTGAGGGCTCAAACACACCACACTTAATGGCTTTCTGGGTCTTTATTTGTACCCATGTGTCTGT CACACCATGAATGTACCTGGGGAATCAACTGACCTCCCTGAACATTTACGCAGTCAGGGAACAGGTG AGGAAAGAAATAAATAAGTGATTCTAA ACGCGT AAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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_006368.5</u>



[View online »](#)

Summary:

This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds to the cAMP-response element and regulates cell proliferation. The protein interacts with host cell factor C1, which also associates with the herpes simplex virus (HSV) protein VP16 that induces transcription of HSV immediate-early genes. This protein and VP16 both bind to the same site on host cell factor C1. It is thought that the interaction between this protein and host cell factor C1 plays a role in the establishment of latency during HSV infection. This protein also plays a role in leukocyte migration, tumor suppression, and endoplasmic reticulum stress-associated protein degradation. Additional transcript variants have been identified, but their biological validity has not been determined.[provided by RefSeq, Nov 2009]

Locus ID:

10488

MW:

11.1