

Product datasheet for SC207591

CREM (NM_001881) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CREM (NM_001881) Human 3' UTR Clone
Symbol:	CREM
Synonyms:	CREM-2; hCREM-2; ICER
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001881
Insert Size:	548 bp
Insert Sequence:	>SC207591 3'UTR clone of NM_001881 The sequence shown below is from the reference sequence of NM_001881. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GATACAGTGCTAGCTTTAAGTCTTCTCTAGTTATATTGAAGCAACTCAGGTTTTGGCATTAAATTGTTC
CATTTTAAATGCATCATTAACTAACTGTATCATAGAATGAAAGTATATGTTAAAAAGTGAGATC
TTTGATTGACAGCTGCATATAATTTTAAAAAGTAAAAATTTGACTGCCGAATATAGAAGAAAAATTT
TGGGGTAAAAAGGAGAATTTTCTATTACATGTTTATATTAATCTCTAGTAAACATTGTTTTGTT
GTCTTTATGATGCATGCGAACATAAATGTCTGTATTCATTCTTGTGGCTTTTGTACCACAATTAC
ATACTATTCTTAATCTGAGAGTTTTCTAAAGTATGTTTTCAATGTTTCACTACTCTCTACTCTGTT
AATTTGTGCTACAGTTTTTCTAAAAGAGAATGGAAAAATGATTTAATTTTTAACTGTAGCAATTGG
ATAGATAATTTTATTTGAAATTTTACACACTGAAAGCTCTAAATAACAGATACATTACATTCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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).



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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_001881.4</u>
Summary:	This gene encodes a bZIP transcription factor that binds to the cAMP responsive element found in many viral and cellular promoters. It is an important component of cAMP-mediated signal transduction during the spermatogenetic cycle, as well as other complex processes. Alternative promoter and translation initiation site usage allows this gene to exert spatial and temporal specificity to cAMP responsiveness. Multiple alternatively spliced transcript variants encoding several different isoforms have been found for this gene, with some of them functioning as activators and some as repressors of transcription. [provided by RefSeq, Jul 2008]
Locus ID:	1390
MW:	21.8