

## Product datasheet for **SC215329**

### **CREM (NM\_183013) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	CREM (NM_183013) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CREM
Synonyms:	CREM-2; hCREM-2; ICER
ACCN:	NM_183013
Insert Size:	1585 bp



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**Insert Sequence:** >SC215329 3'UTR clone of NM\_183013  
The sequence shown below is from the reference sequence of NM\_183013. 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
AAAGATCTTTATTGCCATAAAGTAGAGTAACTGTCTTTGACTTGGACCTTGTACTCTAATCAAGGCA
GGAGATGCAGCAGTCCTACTTATTGCCATGTGGACTTGTGGGAAGGACACGTGTGACCCTTAAGAATCC
AGTTTGGATTAGTGTGAAATTGAATTGGGAATGTTGTTCCAGGATGTGGAATGCAGCCGTGATCACA
CTTACCGAGCTTACTTTGATCTGTTGTCAATAGCATGCAAAAAATGCTTTGTTGCCCTTGTCTCTG
CTTTTTTTCAGGGAAGCTGCCAAGAATGTCGACGTCGAAAGAAAGAATATGTAAATGTCTGGAGAGC
CGAGTTGCAGTGTGGAAGTCCAGAACAAGAAGCTTATAGAGGAACCTTAAAACCTTGAAAGACATTTGT
TCTCCAAAACAGATTACTAGAAATATTTAACTATGAACTGAAGGCAGCATGTATAGTTGCTTTTGAAG
GAATACAATATATAGCTGGCAAGATGGTGGCTTCTTTTCTTTGTATCATTTCATCTTCTCTTAAATCA
CTTAACATTCTAAAATGCTTCACTGTACGTAGTTAAGTCGTAGCTATAAATTTTAAAAGA
GACAAACTGTAAAAATGTGTGATTCTTAAAATGCAATATTTGTAAGGCTTGTCCAATGCCACATAC
TTGCAGCTCCCATTCTATGTGTCATCAATAGTGTCTATGCAATAAAATTTTGCAGGTCTTAAATC
ATTTTAGGAAAGGATGATCAAAAATAATGCATCCAGCAGTACAATAAAAGTAAACCACAAAAAATACC
TCAGGAAAGAATAGAAAGAAAGTCTATCTAATGACATGCCTATATGAGAAGAATAGCCTAGATATGAAT
ATATGGCATTGTCAGATTTTATATTAGTTGCTTTGTTAAAAAAGATTGTATTGCTGTCCTTGA
ATGCCATAGTCAAAGAGAGTTTTAATAGAACCATGTTGGTTGCACCTTTGTAGTGTGTTGGTGCTCATT
AAATATCTGAACATTTACTACAGTTTTTAACTCTACTGTGTAATATAAAAGATCTTGAGAAGTTCTTA
GTGTTGGTTTAAATTACCTAATGAAAGTATGACATATTTTTTATATCTGGAATGAGCCTGTTGGGAT
CGCATTGCATACCTTCGGGTACAAAGTCAGTTTCTACACTGGGTGCTGATCCTTGACGCGCCCTTCT
ACCATCTCACGGTGGGATGGCCGACGGCTGTGCACCCAGAAGAAGATGGCTGTAGCGTTTCGGCCT
TCATAATGGCCTGAGACTTTCTTCTGTAGGTGGTCTGGAGCTGTCCGGCTGGTGGCCCCCTATTTTGC
CATTTAGCGAACAACCACAGGAATTTAAAAACAAAACATCCCAAGATTTTTCATTTCAAATGCTT
CAAAGTCCACATTAGATCAGATACTCCGCTGTCCGCACATTCAGCTGAGGTTTATTACAATCGAGACTG
CAATGTGATCTATGTTTCATCTGTTTTATAATAAAAAGCTTCAGGGAACAAGCCCAAAGCCCTCA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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\\_183013.3](#)

**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:** 61.8