

Product datasheet for **SC215328**

CREM (NM_182722) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CREM (NM_182722) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CREM
Synonyms:	CREM-2; hCREM-2; ICER
ACCN:	NM_182722
Insert Size:	1595 bp



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Insert Sequence: >SC215328 3'UTR clone of NM_182722
The sequence shown below is from the reference sequence of NM_182722. 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
GGAGATGCAGCAGTCTACTTATTGCCATGTGGACTTGTGGGAAGGACACGTGTGACCCTTAAGAATCC
AGTTTGGATTAGTGTGTTGAAATTGAATTGGGAATGTTGTTCCAGGATGTGGAATGCAGCCGTGATCACA
CTTACCGAGCTTACTTTGATCTGTTGTCAATAGCATGCAAAAAATGCTTTGTTGGCCCTTTGCTTCTG
CTTTTTTTCAGGGAAGCTGCCAAAGAATGTCGACGTCGAAAGAAAGAATATGTAAATGTCTGGAGAGC
CGAGTTGCAGTGTGGAAGTCCAGAACAAGAAGCTTATAGAGGAAGCTTAAAACCTTAAAAGACATTTGT
TCTCCAAAACAGATTACTAGAAATATTTAACTATGAACTGAAGGCAGCATGTATAGTTGCTTTTGAAG
GAATACAATATATAGCTGGCAAGATGGTGGCTTCTTTTCTTTGTATCATTTCATCTTCTCTTTAATCA
CTTAACATTCTAAAATGCTTCACTGTACGTAGTTAAGTCGTAGCTATAAAGCTTCAAAATTTTTAAAAGA
GACAAACTGTAAAAATGTGTGATTCTTAAAATGCAATATTTGTAAGGCTTGTCCAATGCCACATAC
TTGCAGCTCCCATTCTATGTGTCATCAATAGTGTCTATGCAATAAAATTTTGCAGGTCTTTAAATC
ATTTTAGGAAAGGATGATCAAAAATAATGCATCCAGCAGTACAATAAAGTAAACCACAAAAAATACC
TCAGGAAAGAATAGAAAGAAAGTCTATCTAATGACATGCCTATATGAGAAGAATAGCCTAGATATGAAT
ATATGGCATTGTCAGATTTTATATTAGTTGCTTTGTTAAAAAAGATTGTATTGCTGTCCTTGA
ATGCCATAGTCAAAGAGAGTTTTAATAGAACCATGTTGGTTGCACCTTTGTAGTGTGTTGGTGTCTATT
AAATATCTGAACATTTACTACAGTTTTTAACTCTACTGTGAATATAAAAGATCTTGCAGAAGTTCTTA
GTGTTGGTTTAAATTACCTAATGAAAGTATGACATATTTTTATATCTGGAATGAGCCTGTTGGGAT
CGCATTGCATACCTTCGGGTACAAAGTCAAGTCTTACTACTGGGTGCTGATCCTTGACGCGCCCTTCT
ACCATCTCACGGTGGGATGGCCGACGGCTGTGCACCCAGAAGAAGATGGCTGTAGCGTTTCGGCCT
TCATAATGGCCTGAGACTTTCTTCTGTAGGTGGTCTGGAGCTGTCCGGCTGGTGGCCCCCTATTTTGC
CATTTAGCGAACAACCACAGGAATTTAAAAACAAAACATCCCAAGATTTTTCATTTCAAAATGCTT
CAAAGTCCACATTAGATCAGATACTCCGCTGTCCGCACATTGAGCTGAGGTTTATTACAATCGAGACTG
CAATGTGATCTATGTTTCATCTGTTTTATAATAAAAAGCTTCAGGGAACAAGCCCAAAGCCCTCACC
ACAAAAA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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).

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_182722.1](#)

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:

62.1