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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
Symbol:	CREM
Synonyms:	CREM-2; hCREM-2; ICER
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
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

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAAGATCTTTATTGCCATAAAGTAGAGTAACTGTCTTTGACTTGGACCTTGTTTACTCTAATCAAGGCA
GGAGATGCAGCAGTCCTACTTATTGCCATGTGGACTTGTGGGAAGGACACGTGTGACCCTTAAGAATCC
AGTTTGGATTAGTGTTTGAAATTGAATTGGGAATGTTGTTCCAGGATGTGGAATGCAGCCGTGATCACA
CTTACCGAGCTTACTTTGATCTGTTTGTCAATAGCATGCAAAAAATGCTTTGTTTGCCCTTTGCTTCTG
CTTTTTTTCAGGGAAGCTGCCAAAGAATGTCGACGTCGAAAGAAAGAATATGTAAAATGTCTGGAGAGC
CGAGTTGCAGTGCTGGAAGTCCAGAACAAGAAGCTTATAGAGGAACTTGAAACCTTGAAAGACATTTGT
TCTCCCAAAACAGATTACTAGAAATATTTAACTATGAACTGAAGGCAGCATGTATAGTTGCTTTTGAAG
GAATACAATATATAGCTGGCAAGAATGGTGGCTTCTTTTCTTTGTATCATTCATCTTCTTCTTTAATCA
CTTAACATTCCTAAAATGCTTCACTGTACGTAGTTAAGTCGTAGCTATAACTTCAAATTTTTTAAAAGA
GACAAACTGTAAAAAATGTGTGTATTCTTAAAATGCAATATTTGTAAGGCTTGTTCCAATGCCACATAC
TTGCAGCTCCCATTCTATGTGTCATCAATAGTGTCCTATGCAATAAAATTATTTGCAGGTCTTTAAATC
ATTTTAGGAAAGGATGATCAAAAATAATGCATCCAGCAGTACAATAAAAGTAAACCACAAAAAAATACC
TCAGGAAAGAATAGAAAGAAAGTCTATCTAATGACATGCCTATATGAGAAGAATAGCCTAGATATGAAT
ATATGGCATTTGCAGATTTTTATATTAGTTGCTTTGTTAAAAAAAAAAAGATTGTATTGCTGTCCTTGA
ATGCCATAGTCAAAGAGAGTTTTTAATAGAACCATGTTGGTTGCACTTTGTAGTGTTTGGTGCTCATTT
AAATATCTGAACATTTACTACAGTTTTTAACTCTACTGTGTAATATAAAAGATCTTGCAGAAGTTCTTA
GTGTTGGTTTAATATTACCTAATGAAAGTGATGACATATTTTTTATATCTGGAATGAGCCTGTTGGGAT
CGCATTGCATACCTTCGGGGTACAAGTCAGTTTCTACACTGGGTGCTGATCCTTGCACGCGCCCTTTCT
ACCATCTCACGGTGGGGATGGCCGCAGGGCTGTGCACCCAGAAGAAGATGGCTGTTAGCGTTTCGGCCT
TCATAATGGCCTGAGACTTTCTTTCTGTAGGTGGTCTGGAGCTGTCCGGCTGGTGGCCCCCTATTTTGC
CATTTAGCGAACAACCACAGGAATTTTAAAAACAAAAACATCCCAAGATTTTTTCATTTCAAAATGCTT
CAAAGTCCACATTAGATCAGATACTCCGCTGTCGGCACATTCAGCTGAGGTTCATTACAATCGAGACTG
CAATGTGATCTATGTTTCATCTTGTTTTTATAATAAAAAGCTTCAGGGAACAAGCCCAAAGCCCTCACC
ACAAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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

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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

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