

Product datasheet for SC117715

CREG1 (NM_003851) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CREG1 (NM_003851) Human Untagged Clone
Tag:	Tag Free
Symbol:	CREG1
Synonyms:	CREG
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC117715 sequence for NM_003851 edited (data generated by NextGen Sequencing)

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ATGGCCGGGCTATCCCGGGTCCGCGCGCACTGCTCGCCGCCCTGCTGGCGTCGACG
CTGTTGGCGCTGCTCGTGTGCCCCGCGGGGTCGCGGCGCCGGACACGGGGACTGG
GACGAGGCCTCCCGGCTGCCGCCCTACACCCCGCAGGACGCGGCGCGCTGGCCCGC
TTCGTGACGCACGTCTCCGACTGGGGCGCTCTGGCCACCATCTCCACGCTGGAGGCGGTG
CGCGGCCGGCCCTTCGCCGACGTCCTCTCGCTCAGCGACGGGCCCGGGCGGGCAGC
GGCGTGCCTATTTCTACCTGAGCCCGCTGCAGCTCTCCGTGAGCAACCTGCAGGAGAAT
CCATATGCTACACTGACCATGACTTTGGCACAGACCAACTTCTGCAAGAAACATGGATTT
GATCCACAAAAGTCCCCTTTGTGTTACATAATGCTGTGAGGAACTGTGACCAAGGTGAAT
GAAACAGAAATGGATATTGCAAAGCATTGTTATTCATTGACACCCTGAGATGAAAACC
TGGCCTTCAGCCATAATTGGTTCTTTGCTAAGTTGAATAAACAATATCTGGGTCCTG
GACTACTTTGGTGGACCAAAAATCGTGACACCAGAAGAATATTATAATGTACAGTTCAG
TGA

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Clone variation with respect to NM_003851.2



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_003851 unedited GAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCCATGGCCGGGCTATCCC GCGGGTCCGCGCGCGCACTGCTCGCCGCCCTGCTGGCGTCGACGCTGTTGGCGCTGCTCG TGTCCGCCGCGCGGGTTCGCGCGGCCGGGACCACGGGACTGGGACGAGGCCTCCCGGC TGCCGCCGCTACCACCCGCGAGGACGCGGCGCGCTGGCCCGCTTCGTGACGCAGTCT CCGACTGGGCGCTCTGCCACCATCTCCACGCTGGAGGCGGTGCGCGGCCGGCCCTTCG CCGACTGAGCCGCTGCAGCTCTCCGTGAGCAACCTGCAGGAGAATCCATATGCTACACTGA CCATGACTTTGGCACAGACCAACTTCTGCAAGAAACATGGATTTGATCCACAAAGTCCCC TTTGTGTTACATAATGCTGTCAGGAACTGTGACCAAGGTGAATGAAACAGAAATGGATA TTGCAAAGCATTCTGTTATTCATTGACACCCTGAGATGAAAACCTGGCCTTCCAGCCATA ATTGGTCTTTGCTAAGTTGAATATAACCAATATCTGGTCTGGACTACTTTGGGTGAC CAAAAATCGTACACCAGAAGAATATTATAATGTCACAGTTCAGTGAAGCAGACTGTGGT GAATTTAGCAACACTTATGAAAGTTCTTAAAGTGGCTCATACACACTTAAAGGGCTAAT GTTTCTCTGAAAGCGTCCAGATATTAGCCAGNTTCTGTCCATGCTGGTTNGNTTGC TTGCTNGNTTACTTGCTGGNNTACCATAGAGTTGACCTGGTATGGNATTNCTGGAAGAGT GGTAGTACTTTTTTCTATT</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_003851 unedited CGGCCGAATTTAGNATCGAGTTTTTTTTTTTTTTTTTTAAAATAATTCTTTAATTATT GATGCTTTGAATAAGAAGTCCATTTTACTAAATTTAGTATAAATTATTTTCTTAAACAG AACCTGTTTGCTGGATCTCAGTTAAGTTCACCTTTCAGTTTTCAGACACAATGACTCATA TTCAACTTTTCTTTAAGGATTCAGTGGCTTGATTCTGACATTTCTCTTTAAGAGGA ATCTTATGTCATCTTCTGAAATCATGTATATGGGTAATAATATTAGTGTCTTCTTCTG AAGATGTGATTCTTTAATGCCATGTTCTTCCCTCTGGTGACCTGACTTAGATTGTAG CAGCACTAGAAGCTATTAAGAGATTTGGGGCAGTTGAGGAAGCCTTAGGTAATTGTTAAG AGTAGAAGTATTTTTAAAAGCTGTGGAGAGTGGTTTGGGAGGGGATTTGTCCCTGGCT GAAGCTGGTCCATGCCTGGGTAACTTTACTTATAAAAAGAATACCAGGAACACACAAAAT ATCTTCTCCTCTTTCTTTGCAATCCAGTTTTGGAGCCAAAAATAATCTGTGTGCACA TGTGTTTTGATAATACTGTCTCGACTTAGTGGGAAATTAATTCAGGAGTTTTATGAC TTTCTTTTGTTCGAGTATCAGTTTGTAGATATAAAAAGTTTTTCAAAGTTCTTTATCAG AAATAGTTTTACCCATATGTTGAATAACAATACCCAGGATTGTGAGACATAAATCAACATG AGTAGGAAGCTCCATCTGAGTNTCATCATTGGTTGGGTATCCTGCAAGATTTATTCAAAA GCACCCTAATGGGGCCAATCCTTTTGCACCAGCTCAGCAGCTCAGAGGGCACTGTGTGAG TGATGCCTCTACCAGCCAGTGGCTCTAGGATAAGAACACTACTNACTACCTTAAAGCCAT GGCATTAACCGTAC</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_003851
Insert Size:	1930 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_003851.2 , NP_003842.1
RefSeq Size:	2048 bp
RefSeq ORF:	663 bp
Locus ID:	8804
UniProt ID:	O75629
Cytogenetics:	1q24.2
Protein Families:	Secreted Protein, Transcription Factors, Transmembrane
Gene Summary:	The adenovirus E1A protein both activates and represses gene expression to promote cellular proliferation and inhibit differentiation. The protein encoded by this gene antagonizes transcriptional activation and cellular transformation by E1A. This protein shares limited sequence similarity with E1A and binds both the general transcription factor TBP and the tumor suppressor pRb in vitro. This gene may contribute to the transcriptional control of cell growth and differentiation. [provided by RefSeq, Jul 2008]