

Product datasheet for **SC322215**

CREG1 (NM_003851) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | CREG1 (NM_003851) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | CREG1 |
| Synonyms: | CREG |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC (PS100020) |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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Fully Sequenced ORF: >OriGene sequence for SC322215
 GACACCGCCATGGCCGGGCTATCCCGCGGGTCCGCGCGCCTGCTCGCCGCCCTGCTG
 GCGTCGACGCTGTTGGCGCTGCTCGTGTGCGCCGCGCGGGGTCGCGGGCCGGGACCAC
 GGGGACTGGGACGAGGCCTCCCGGCTGCCGCCGTACCACCCCGGAGGACGCGGGCGCGC
 GTGGCCCGCTTCGTGACGCACGTCTCCGACTGGGGCGCTCTGGCCACCATCTCCACGCTG
 GAGGCGGTGCGCGGCCGCCCTTCGCGACGTCCTCTCGCTCAGCGACGGGCCCCCGGGC
 GCGGGCAGCGCGGTGCCCTATTTCTACCTGAGCCCGCTGCAGCTCTCCGTGAGCAACTG
 CAGGAGAATCCATATGCTACACTGACCATGACTTTGGCAGACCAACTTCTGCAAGAAA
 CATGGATTTGATCCACAAAGTCCCTTTGTGTTACATAATGCTGTCAGGAACTGTGACC
 AAGGTGAATGAAACAGAAATGGATATTGCAAAGCATTCTGTTATTCATTGACACCCTGAG
 ATGAAAACCTGGCCTTCCAGCCATAATTGGTTCTTTGCTAAGTTGAATATAACCAATATC
 TGGGTCTGGACTACTTTGGTGGACAAAAATCGTGACACCAGAAGAATATTATAATGTC
 ACAGTTCAGTGAAGCAGACTGTGGTGAATTTAGCAACACTTATGAAGTTTCTAAAGTGG
 CTCATACACACTTAAAAGCTTAATGTTTCTCTGAAAAGCGTCCCAGAATATTAGCCAGT
 TTTCTGTACATGCTGGTTTGTGTTGCTTGTGTTTACTTGTGTTTACCAATAGAGTT
 GACCTGTTATTGGATTTCTGGAAGATGTGGTAGCTACTTTTTTCTATTTTGAAGCCAT
 TTTTCGTAGAGAAATATCCTTCACTATAATCAAATAAGTTTTGTCCCATCAATTCCAAAGA
 TGTTTCCAGTGGTCTCTGAAGAGGAATGAGTACCAGTTTTAAATTGCCATTGGCATT
 TGAAGGTAGTTGAGTATGTGTTCTTTATTCCTAGAAGCCACTGTGCTTGGTAGAGTGCAT
 CACTCACCACAGCTGCCTCCTGAGCTGCCTGAGCCTGGTGCAAAAGGATTGGCCCCCATT
 ATGGTGTCTTGAATAAATCTTGCCAAGATAGACAAACAATGATGAAACTCAGATGGAGC
 TTCCTACTCACGTTGATTTATGTCTCACAATCCTGGGTATTGTTAATCAACATAGGGTG
 AAATAATTTCTGATAAAGAAGCTTTTGAAGAACTTTTATACTCTAAAGTGATACTCAGAA
 CAAAAGAAAGTCATAAAACTCCTGAATTTAATTTCCCCACCTAAGTCGAAACAGTATTAT
 CAAAACACATGTGCACACAGATTATTTTTGGCTCCAAAAGTGGATTGCAAAAGAAAGAG
 GAGAAGAATATTTGTGTGTTTCTGGTATTCTTTTATAAGTAAAGTTTACCCAGGCATGG
 ACCAGTTCAGCCAGGGACAAAATCCCCTCCAAACCACTCTCCACAGCTTTTTAAAAAT
 ACTTCTACTCTTAACAATTACCTAAGGCTTCTCAACTGCCCCAAATCTCTTAATAGCTT
 CTAGTGTCTACAATCTAAGTCAGGTCACCAGAGGGAAGAGAACATGGCATTAAAGAA
 TCACATCTTCAGAAGAGAAGACACTAATATTATTACCCATATACATGATTCAGAAGATG
 ACATAAGATTCTCTTAAAGAGGAAATGTCAGGAATCAAGCCACTGAATCCTTAAAGAGA
 AAAGTTGAATATGAGTCATTGTGTCTGAAAAGTCAAAGTGAAGTAACTGAGATCCAGC
 AAACAGGTTCTGTTTAAAGAAAAATAATTTATACTAAATTTAGTAAATGGACTTCTTATT
 CAAAGCATCAATAATTAAGAATTATTTTAAATGAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_003851

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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).

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| 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: | <u>NM_003851.2, NP_003842.1</u> |
| RefSeq Size: | 2048 bp |
| RefSeq ORF: | 663 bp |
| Locus ID: | 8804 |
| UniProt ID: | <u>O75629</u> |
| 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] |