

Product datasheet for **MC204169**

Creg1 (NM_011804) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Creg1 (NM_011804) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Creg1
Synonyms:	AA755314; Creg
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC027426
 GCGTCATGGCTGCCCGTCTCTGAGCTCGCGCTTCCCTGCTTGTGCCCTTCTGGCGCCCGCGTGGT
 GGCACACTGGTGTGCGCCGCCTCGGGTTCGCGGAGGCCGGGACCACGGGGACTGGGACGTGGACAGGCGA
 TTGCCTCCGCTGCCACCCCGCAAGACGGGCGCGCTGGCCCGCTTCGTGACTCACGTCTCAGACTGGG
 GCTCGTGGCCACTATCTCCACAATAAAGGAGGTGCGCGCTGGCCCTTCGCGGACATCATCTCAATCAG
 TGACGGTCTCCGGGAGAAGGCACGGGCGAGCCCTACATGTACCTGAGTCCACTGCAGCAAGCCGTGAGC
 GACCTGCAGGAAAATCCAGAGGCTACGCTGACTATGTCTTTAGCACAGACTGTCTACTGTAGGAATCATG
 GATTTGATCCCCAGAGTCCCCTGTGTTCATATAATGATGTGCGGAAGTGTGACCAAGGTGAACAAGAC
 AGAAGAGGACTATGCAAGGGATTGCTGTTTGTTCGACACCTGAGATGAAGCACTGGCCTTCCAGCCAT
 AACTGGTCTTTGCTAAATTAATAAAGCGTATCTGGGTCTTGGACTACTTTGGTGGACCTAAAGTAG
 TGACACCTGAAGAATATTTAACGTCACGCTGCAGTGAAGCAGGATATGGTGGACTGAGTACACCAGAG
 AAGTGTCTTCGGAGGCTCATGCACACTGAAGGGTTGGCCCTGCTGGGACGTCTCCAGCTGTCAGCTTA
 CTCTGCCACCTCTGTTTAAATCTGTTGCTTGTGTTAACAGAGAGTTGTCCTCAGAAGATGTGGTTG
 CTGGATTTTTAAAAAGAAAAAATGATTTTGAAGCCATTTTCAGAGAAAAATGCCATTCATTATAA
 CCAAGGAAGTTTTCTTTCAGCCATTCCTCGGTGGCTTTTCTCAGTGGTGGCCACAGAAGGGCAACATAGA
 CCAGCTGTAGATCGCCCATGGCTCTGGAGGAAGAGAGGTGCAGGTGCTTTGTGCCCGACGGCCACTGTG
 CCTGAGGGGTGCTGTCCTCACACAGCTGCCTCAGGAGTCTGTGAGGGGCTAGAGTCCGGAGGCTGG
 GCAGGGCTGGGTCCCGGATACAGAGTCTTGAATGAATCCTTACGTCGAGGACAGCAATGGCCACACAC
 GGAGCTTCCCCTCACGTCACCCGTACAGCTGATCCATCACAAGGCAAAAAGTGGTCTCTATAAACT
 CCATAACATCATACCTAAAGTCATAGTTACCCAGGACAAAAAAGACAAAAAGATTTTCTGTATT
 CATTTTCCACCAAGTAGACTGTATATTTTCTCATCTTCAAACACACACACACAGGAGCTGGG
 GTGCAGCTTCTTGGTAGAGCGATTGTCTAGTATGAGACCATAGCTCTCTTCCCAGCATGAAACAAAA
 ACAACAGCAATAACATTTTTATTTGCATGAGAAAGGAACCGCAGGAATTTACATATGTTGGGTTCTT
 TTTTGGACCAACCAACCATAAACCCAGCCCTTCTCGGGCACTCTGTATCTCCAGGCTCTGGCAGT
 CAGCCCGGAGTCTCCATGGGAGATAACCACGGTACCACGGCATAGAAACAACTACAACAACAACAA
 CATGCTTCTGGCCTAGAGGGTTGGCTCAGCACTTAAGAAGATTGCTCTAGCAGGGACCAAGTTCAGGAC
 CTGGCGTGGAGTCAGACAGGCACACTGGCCATCACTCCAGTTCAGGAAATCATATACCTCTAGTCTCC
 AAGTTCACCTGCACTCAAGTGCACGTACCCACGCAGACACACACCAGACATAATTGTAACCATGCATC
 TTTTCTCAGAAGAGTACTACTTAGTTTTACTACGTGATTTCATGCTCTGGATGACGTAAGAGTCCTT
 TTAATTGAGTGTGCGTATCAGACTTCTTAAACAGCAAAAAGAGTTGAACATGAGCCATCATGTTGGAGAAA
 GAGATAGAAATCCAGCAAGTACTTCTCAGTAAAAACCCACTAAGCAGCAAGAATCCAGTTTTTTTCAA
 TCAATAATTAAGCATAATTCTAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_011804

Insert Size: 663 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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:	<u>BC027426</u> , <u>AAH27426</u>
RefSeq Size:	2138 bp
RefSeq ORF:	663 bp
Locus ID:	433375
UniProt ID:	<u>O88668</u>
Cytogenetics:	1 H2.3
Gene Summary:	May contribute to the transcriptional control of cell growth and differentiation. Antagonizes transcriptional activation and cellular transformation by the adenovirus E1A protein. The transcriptional control activity of cell growth requires interaction with IGF2R (By similarity). [UniProtKB/Swiss-Prot Function]