

Product datasheet for **SC127136**

C13orf15 (RGCC) (NM_014059) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: C13orf15 (RGCC) (NM_014059) Human Untagged Clone
Tag: Tag Free
Symbol: C13orf15
Synonyms: bA157L14.2; C13orf15; RGC-32; RGC32
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_014059 edited
 CGGCGCGGCTGGAGCGCAGCGCCGAAGGGACTGGCAGGGCTGAAGTGTGCGGGACAGCAA
 GCCCCCGAATAGCCCGGCTGCCACCTCGCAGGACCCAAGGCCACGCGCGCCGGCCAG
 CTGAGCCGCCTCATGAAGCCGCCCGCGGCGCAGGGCAGCCCCGCGCCGCGCGCCGCA
 GCCCCGGCCCTGGACTCGCGGGCCGCGGAGGACCTGTGCGACGCGCTGTGCGAGTTTGAC
 GCGGTGTGGCCGACTTCGCGTCGCCCTTCCACGAGCGCCACTTCCACTACGAGGAGCAC
 CTGGAGCGCATGAAGCGGCGCAGCAGCGCCAGTGTGAGCGACAGCAGCGGCTTCAGCGAC
 TCGGAGAGTGCAGATTCACCTTTATAGGAACAGCTTCAGCTTCAGTGATGAAAACTGAAT
 TCTCCAACAGACTCTACCCAGCTCTTCTCTGCCACTGTCACTCCTCAGAAAGCTAAA
 TTAGGAGACACAAAAGAGCTAGAAGCCTTCATTGCTGATCTTGACAAAACCTTAGCAAGT
 ATGTGAAACAAGAAGTTCTGGGTCCTTTCATCATAAGGGAGAAGCTTCAGAAAGTCCGA
 GGACCTGTAAAAATCAGCTACTAGAATCTGCTGCCAGAGGGGACAAAGACGTGCACTCAA
 CCTTCTACCAGGCCACTCTCAGGCTCACCTTAAAATCAGCCCTTGATCCCATTTCTGGGC
 AATTTAGACAGTAAAAGTACTTTGTTTACCTGCTTGCAACATATTAGAACAGACGATCC
 ATGCTAATATTGTATTTTCTCTAAAACATAGCTTTTCTGTAATTTAAAGTGCTTTTATG
 AAAATATTTGTAATTAATTATATATAGTTGAAATAGCAGTAAGCTTTCCATTATAATA
 TATTTTGTATACAAATAAAATTTGAACTGAAGTCTGCAAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_014059 unedited</p> <pre> TTTGTAAATACGACTCACTATAGGGCGGCCGCAATTCGGCACGAGGGCGGCGCGGCTGGA GCGCAGCGCCGAAGGACTGGCAGGGCTGAAGTGTGCGGGACAGCAAGCCCCGAATAGCC CCGGCTGCCACCTCGCAGGACCAAGGCCACGCGCGCCGGGCCAGCTGAGCCGCCTCAT GAAGCCGCCCCGCGGCGCAGGGCAGCCCCGCGGCCCGCGGCCGAGCCCCGGCCCTGGA CTCGCGGCGCCGCGGAGGACCTGTGCGACGCGCTGTGCGAGTTTGACGCGGTGCTGGCCGA CTTCGCTCGCCCTTCCACGAGCGCCACTTCCACTACGAGGAGCACCTGGAGCGCATGAA GCGGCGCAGCAGCGCCAGTGTGACGACAGCAGCGGCTTCAGCGACTCGGAGAGTGCAGA TTCACTTTATAGGAACAGCTTCAGCTTCAGTGATGAAAACTGAATTCTCCAACAGACTC TACCCAGCTCTTCTCTCTGCCACTGTCACTCCTCAGAAAAGCTAAATTAGGAGACACAAA AGAGCTAGAAGCCTTCATTGCTGATCTTGACAAAACCTTAGCAAGTATGTGAAACAAGAA GTTCTGGGTCCTTTCATCATAAGGGAGAAGCTTCAGAAAAGTTCGAGGACCTGCTAAAAT CAGCTACTAGAATCTGCTGCCAGAGGGGACAAAGACGTGCACTCAACCTTCTACCAGGCC ACTCTCAGGCTCACCCCTTAAATCAGCCCTTTGATCCCATTCTGGGCAAATTAGACAGTG AAACTGGACTTTGTTACCCTGCTGAACATATTAGACAGACGACCATGCTAATAATGGATT TCTCTTAAACATAGCTTTCCTGTAATTAAGCGCTTTTAGAAAAATTTNGAAT </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_014059 unedited</p> <pre> TGTACGCGCCGCATCTATAGTCGGTTTTTTTTTTTTTTTTTTTCAAACCTCAGTTCAAAT TTTATTTGTATACAAAAATATATTATAATGGNGAAAGCTTACTGCTATTTCCAATATAT ATAATTAATTACAAATATTTTCATAAAAAGCACTTAAATTACAGGAAAGCTATGTTTTAA GAGAAAAACAAATATTAGCATGGATCGTCTGTTCTAATATGTTGCAAGCAGGTAAACAAA GTCAGTTTCACTGTCTAAATTGCCAGAAATGGGATCAAGGGCTGATTTTAAGGTGAGCC TGAGAGTGGCCTGGTAGAAGTTGAGTGCACGTCTTTGTCCCCTCTGGCAGCAGATTCTA GTAGCTGATTTTAGCAGTCTCCTCGAACTTTCTGAAGCTTCTCCCTTATGATGAAAGGAC CCAGAACTTCTTGTTCACATACTTGCTAAAGTTTTGTCAAGATCAGCAATGAAGGCTTC TAGCTCTTTTGTAGTCTCCTAATTTAGCTTTCTGAGGAGTGACAGTGGCAGAGAGAAGAGC TGGGGTAGAGTCTGTTGGAGAATTCAGTTTTTCATCACTGAAGCTGAAGCTGTTCTATA AAGAGAATCTGCACTCTCCGAGTCGCTGAAGCCGCTGCTGTCGCTGACACTGGCGCTGCT GCGCCGCTTCATGCGCTCCAGGTGCTCCTCGTAGTGGAAGTGGCGCTCGTGGACGGCGCA CGCGATAGTCGCCAGCACCGCTCAAACCTCGCACAGCGCTCCGACAGGTCTCCGCGAGC CNCGATTCATGGCCAGAGCTGCAGCCGACGCGCCGACAGAGCTGCCCTGGCCCCGCGC CGGCTCATGATGCGGCTCATCTGGGGCCGCGCGCTGGNCTAGTCTCCTGCGAGGTGGCA NCAGAGCTATTGGGGGCTTGCTGTCCAGAACTTACCCTGCCATNCCTTTAGGCTGANGC TCAGCGGGCAGNCTGTGTCGATTGGGGCGCCTTAGGATCGATTACAATT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_014059
Insert Size:	1000 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).
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).

Reconstitution Method:

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_014059.1](#), [NP_054778.1](#)

RefSeq Size: 895 bp

RefSeq ORF: 354 bp

Locus ID: 28984

UniProt ID: [Q9H4X1](#)

Cytogenetics: 13q14.11

Gene Summary: This gene is thought to regulate cell cycle progression. It is induced by p53 in response to DNA damage, or by sublytic levels of complement system proteins that result in activation of the cell cycle. The encoded protein localizes to the cytoplasm during interphase and to centrosomes during mitosis. The protein forms a complex with polo-like kinase 1. The protein also translocates to the nucleus in response to treatment with complement system proteins, and can associate with and increase the kinase activity of cell division cycle 2 protein. In different assays and cell types, overexpression of this protein has been shown to activate or suppress cell cycle progression. [provided by RefSeq, Jul 2008]