

Product datasheet for **RG203234**

WBSCR16 (RCC1L) (NM_030798) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WBSCR16 (RCC1L) (NM_030798) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	WBSCR16
Synonyms:	WBSCR16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG203234 representing NM_030798
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCTGGTGGCGTTGGTGGCTGGGGCTCGGCTGGGGCGCGGCTGAGCGGGCCGGGGCTGGGGCGAG
 GGCACTGGACGGCGGCCGGCGCTCCCGAGCCGGCGCGAAGCGGCAGAAGCCGAGGCGGAGGTGCCCGT
 GGTCCAGTACGTGGGCGAGCGCGCTGCCCGCGCGGATCGCGTCTTCGTGTGGGGTTCAGCTTCTCGGGG
 GCGCTGGGCGTGCCTTCTTTGTGGTGCCAGCTCCGGGCCGGGCCCGCGCCGGCGCCGACCGCGCC
 GCAGGATCCAGCCGTGCCCTATCGCTGGAGCTGGACAAAAGATTTTCATCTGCTGCTTGGGCTATGG
 ATTCACACTGCTGCTCTAAGACTGCGGATGTTACGAAAGTCTGGGGGATGGGACTCAACAAAGATTCT
 CAGCTTGGATTTACAGGAGCCGAAAGATAAAACGAGGGGCTACGAGTATGTGTGGAGCCCTCACCCG
 TCTCCCTGCCTCTGGACAGACCTCAGGAGACACGGGTGCTGCAGGTCTCCTGCGGCCGAGCTCACTCTCT
 TGTGTTGACTGACAGGAAGGAGTCTTACGATGGGAAACAATTCTTATGGGCAATGTGGAAGAAAGGTG
 GTCGAAAATGAAATTTACAGTAAAAGTACAGAGTCCACAGGATGCAGGACTTCGATGGCCAGGTGGTCC
 AGGTGCCTGTGGTCAAGATCATAGTCTGTTCTGACGGATAAAGGAGAAGTCTATTCTTGTGGATGGGG
 TGCTGATGGGCAACAGGTCTGGGTCACTACAATATCACCAGCTCGCCACCAAGCTGGGTGGAGACCTG
 GCGGGAGTGAACGTTATCCAAGTTGCCACCTACGGTGATTGCTGCCTGGCCGTGTCGCCGACGGAGGAC
 TTTTGGTTGGGAAACTCGGAGTACCTGCAGCTGGCCTCTGTCACTGACTCCACACAGGTGAATGTGCC
 CCGCTGCTTACTTCTCAGGAGTGGGGAAGGTGCGACAGGCTGCATGCGGTGGCACGGGCTGTGCAGTG
 TAAACGGAGAAGGACATGTTTTGTCTGGGGCTATGGAATCTTGGGAAAGTCCAAACCTAGTGGAAA
 GTGCCCTCCCTGAAATGATTCCACCCACTCTTTGGCTTGACGGAGTTCAACCCAGAAATCCAGTTC
 CCGCATCCGATGTGGACTCAGCCACTTTGCTGCACTGACCAACAAGGAGAGCTGTTGTATGGGGCAAG
 AACATCCGAGGTGCCTGGGAATCGGTCGCTGGAGGACCAAGTATTTCCATGGAGGTTGACGATGCCTG
 GGGAGCTGTGGAGCTGGCATGTGGCGTGGACCACATGGTACCCTGGCCAAGTCATTCATC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG203234 representing NM_030798
 Red=Cloning site Green=Tags(s)

MALVALVAGARLGRRLSGPGLGRGHWAAGRSRSRREAAEAEVPPVQYVGERAARADRVFVWGFVSG
 ALGVPSFVVPSSGPGPRAGARPRRRIQVPYRLELDQKISSAACGYGFTLLSSKTADVTKVWGMGLNKDS
 QLGFHRSRDKTRGYEYVLESPVSLPLDRPQETRVLQVSCGRAHSLVLTDRGVFVSMGNNVSYQCGRKV
 VENIYSESHRVHRMQDFDQVQVQVACGQDHSFLTDKGEVYSCGWGADGQTGLGHYNITSSPTKLGDL
 AGVNVIQVATYGDCCCLAVSADGGLFGWGNSEYLQLASVTDSTQVNVPRCLHFSVGVKVRQAACGGTGCAV
 LNGEHVFVWGYGILGKGPNLVESAVPEMIPPTLFGLTEFNPEIQVSRIKGLSHFAALTNKGELFVWVK
 NIRGCLGIGRLEDQYFPWRVTMPGEPVDVACGVDHMTLAKSFI

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_030798

ORF Size: 1392 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_030798.5](#)

RefSeq Size: 2386 bp

RefSeq ORF: 1395 bp

Locus ID: 81554

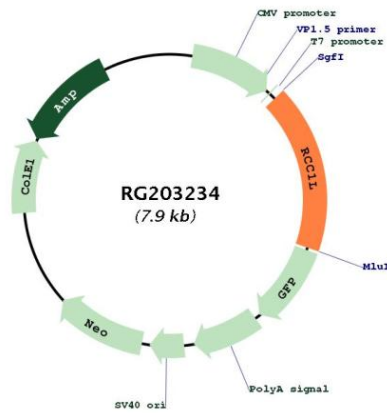
UniProt ID: [Q96I51](#)

Cytogenetics: 7q11.23

Domains: RCC1

Gene Summary: This gene encodes a protein containing regulator of chromosome condensation 1-like repeats. The encoded protein may function as a guanine nucleotide exchange factor. This gene is located in a region of chromosome 7 that is deleted in Williams-Beuren syndrome, a multisystem developmental disorder. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Product images:



Circular map for RG203234