

Product datasheet for **RG203906**

RBCK1 (NM_031229) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBCK1 (NM_031229) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	RBCK1
Synonyms:	C20orf18; HOIL-1; HOIL1; PBMEI; PGBM1; RBCK2; RNF54; UBCE7IP3; XAP3; XAP4; ZRANB4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG203906 representing NM_031229
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCCTGAGCCTCACCCGAGCAGTGGCGGGCGGGGATGAACAGGTGGCAATGAAGTGTGCCATCTGGC
 TGGCAGAGCAACGGGTGCCCTGAGTGTGCAACTGAAGCCTGAGGTCTCCCAACGCAGGACATCAGGCT
 GTGGGTGAGCGTGGAGGATGCTCAGATGCACACCGTCACCATCTGGCTCACAGTGCGCCCTGATATGACA
 GTGGCGTCTCTCAAGGACATGGTTTTTCTGGACTATGGCTTCCCACAGTCTTGCAGCAGTGGGTGATTG
 GGCAGCGGTGGCAGGAGACCAGGAGACCTGCACTCCCATGGGTGCGGCAGAAATGGGACAGTGCCTA
 CCTCTATCTGCTGTAGCCCGCAACACCTCCCTCAACCCTCAGGAGTGCAGCGGGAGCGGCAGTGCGG
 ATGCTGGAAGATCTGGGTTCAAGGACCTCAGCTGCAGCGCGGGGCCCTTGGAGCCAGGCCCCCAA
 AGCCCGGGTCCCCAGGAACCCGGACGGGGCAGCCAGATGCAGTGCCTGAGCCCCACCGGTGGGCTG
 GCAGTCCCCGGTGCACCTTCATCAACAAGCCACGCGGCCCTGGCTGTGAGATGTGCTGCCGGGCGGC
 CCCGAGGCTACAGGTCCCGCCTCATACCAGCCGACGAGGAGGAGCGAGCGCCTGGCGGGCGAGG
 AGGAGGCGCTGCGTCAGTACCAGCAGCGGAAGCAGCAGCAGCAGGAGGGAACTACCTGCAGCACGTCCA
 GCTGGACCAGAGGAGCCTGGTGTGAACACGGAGCCCGCCGAGTCCCGGTGTGCTACTCGGTGCTGGCG
 CCCGGCAGGCGGTGGTGTGCTGCTGAGTGTCTGCACACCTTCTGCAGGGAGTGCCTGCAGGGCACCATCC
 GCAACAGCCAGGAGGCGGAGGTCTCTGCCCTTCAATTGACAACCTACTCGTGTGCGGCAAGTGTGCT
 GGAGAGGAGATCAAGGCGCTCTGACCCTGAGGATTACCAGCGATTTCTAGACCTGGGCATCTCCATT
 GCTGAAAACCGCAGTGCCTTCAAGGACCTGAGGATTGCAAGACCCAGATTGCAAGGGATGGTGTCTTTGAGG
 GCAGATGAACTGCAAGGAGTATCAGGAGGACCTGGCCCTGCGGGCTCAGAACGATGTGGCTGCCCGCAG
 ACGACAGAGATGCTGAAGGTGATGCTGCAGCAGGGCGAGGCCATGCGCTGCCCCAGTGCAGATCGTGG
 TACAGAAGAAGGACGGCTGCGACTGGATCCGCTGCACCGTCTGCCACACCGAGATCTGCTGGGTACCAA
 GGGCCACGCTGGGGCCCTGGGGGCCAGGAGACACCAGCGGGGCTGCCGCTGCAGGTAATGGGATT
 CCTTGCCACCAAGCTGTCAGAAGTCCAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG203906 representing NM_031229
 Red=Cloning site Green=Tags(s)

MALSLTRAVAGGDEQVAMKCAIWLAEQVRVPLSVQLKPEVSPTQDIRLWVSVEDAQMHTVTIWLTVRPDMT
 VASLKDMVFLDYGFPPVLQQWVIGQRLARDQETLHSHGVRQNGDSAYLYLLSARNTSLNPQELQRERQLR
 MLEDLGFKDLTLQPRGPLEPGPPKPGVPQEPGRGQPDVPEPPPVGWQCPGCTFINKPTRPGCEMCCRAR
 PEAYQVPASYQPDEEERARLAGEEEALRQYQQRKQQQEGNYLQHVQLDQRSLVLNTEPAECPVCYSVLA
 PGEAVVLRRECLHTFCRECLQGTIRNSQEAEVSCPFIIDNTYSCSGKLLEREIKALLTPEDYQRFDLGISI
 AENRFAFSYHCKTPDCKGWCFEDDVNEFTCPVCFHVNCLLCKAIHEQMCKEYQEDLALRAQNDVAARQ
 TTEMLKVMLQQGEAMRCPQCQIVVQKKDGDWIRCTVCHTEICWVTKGPRWPGGPGDTSGGCRCRVNGI
 PCHPSCQNCH

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_031229

ORF Size: 1500 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](#)

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

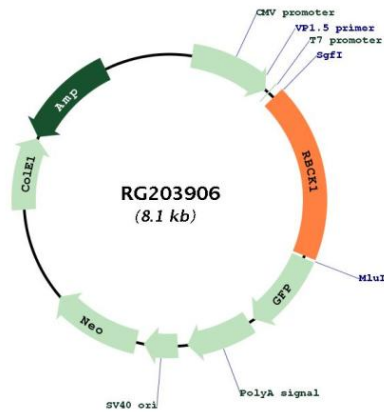
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

- 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_031229.1](#), [NP_112506.1](#)

RefSeq Size: 2778 bp
RefSeq ORF: 1533 bp
Locus ID: 10616
UniProt ID: [Q9BYM8](#)
Cytogenetics: 20p13
Domains: RING, zf-RanBP
Protein Families: Druggable Genome
Gene Summary: The protein encoded by this gene is similar to mouse UIP28/UbcM4 interacting protein. Alternative splicing has been observed at this locus, resulting in distinct isoforms. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG203906