OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC108003

RBCK1 (NM_031229) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBCK1 (NM_031229) Human Untagged Clone
Tag:	Tag Free
Symbol:	RBCK1
Synonyms:	C20orf18; HOIL-1; HOIL1; PBMEI; PGBM1; RBCK2; RNF54; UBCE7IP3; XAP3; XAP4; ZRANB4
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>OriGene sequence for NM_031229 edited
GAATTCGGCACGAGGCGCTCCCCTTGCGAAGAACTGGGGCCTCCCGGGAGGAGAGAGGGC
TTTGCCTTGAAACCCGGGACGCCAGGGGCGCTCCCGCAAGTGGGGGTCCTCCGGGACTTG
GAACGCCCCGGCTGGGTGGTGTCCGGGCGTCCTTTCCCCGCTTCTTCCCACCTCGGCTGG
TCCCGTTTCCTCCTGCGCCCAGTGCGGACCTGTCTCGGCGCCCGCTGCCCTCTCACCGCC
CCACGCAGGATCCCGGCCTGGTCACCGGGCAGTGTGATGCTTCCCGACTGCCGCGGGGAC
AGCGAGGCACACACAGGGCTTGGGCCGCGCCGGAGGCCACACGGCCTGGCTGAGTTGCTC
CTGGTCTCCCGCCTCTCCCAGGCGACCCGGAGGTAGCATTTCCCAGGAGGCACGGTCCCC
CCCAGGGGGATGGGCACAGCCACGCCAGATGGACGAGAAGACCAAGAAAGCAGAGGAAAT
GGCCCTGAGCCTCACCCGAGCAGTGGCGGGCGGGGATGAACAGGTGGCAATGAAGTGTGC
CATCTGGCTGGCAGAGCAACGGGTGCCCCTGAGTGTGCAACTGAAGCCTGAGGTCTCCCC
AACGCAGGACATCAGGCTGTGGGTGAGCGTGGAGGATGCTCAGATGCACACCGTCACCAT
CTGGCTCACAGTGCGCCCTGATATGACAGTGGCGTCTCTCAAGGACATGGTTTTTCTGGA
CTATGGCTTCCCACCAGTCTTGCAGCAGTGGGTGATTGGGCAGCGGCTGGCACGAGACCA
GGAGACCCTGCACTCCCATGGGGTGCGGCAGAATGGGGACAGTGCCTACCTCTATCTGCT
GTCAGCCCGCAACACCTCCCTCAACCCTCAGGAGCTGCAGCGGGAGCGGCAGCTGCGGAT
GCTGGAAGATCTGGGCTTCAAGGACCTCACGCTGCAGCCGCGGGGCCCTCTGGAGCCAGG
CCCCCCAAAGCCCGGGGTCCCCCAGGAACCCGGACGGGGGCAGCCAGATGCAGTGCCTGA
GCCCCCACCGGTGGGCTGGCAGTGCCCCGGGTGCACCTTCATCAACAAGCCCACGCGGCC
TGGCTGTGAGATGTGCTGCCGGGCGCGCCCCGAGGCCTACCAGGTCCCCGCCTCATACCA
GCCCGACGAGGAGGAGCGAGCGCGCCTGGCGGGCGAGGAGGAGGCGCTGCGTCAGTACCA
GCAGCGGAAGCAGCAGCAGCAGGAGGGGAACTACCTGCAGCACGTCCAGCTGGACCAGAG
GAGCCTGGTGCTGAACACGGAGCCCGCCGAGTGCCCCGTGTGCTACTCGGTGCTGGCGCC
CGGCGAGGCCGTGGTGCTGCGTGAGTGTCTGCACACCTTCTGCAGGGAGTGCCTGCAGGG
CACCATCCGCAACAGCCAGGAGGCGGAGGTCTCCTGCCCCTTCATTGACAACACCTACTC
GTGCTCGGGCAAGCTGCTGGAGAGGGAGATCAAGGCGCTCCTGACCCCTGAGGATTACCA
GCGATTTCTAGACCTGGGCATCTCCATTGCTGAAAACCGCAGTGCCTTCAGCTACCATTG
CAAGACCCCAGATTGCAAGGGATGGTGCTTCTTTGAGGATGATGTCAATGAGTTCACCTG
CCCTGTGTGTTTCCACGTCAACTGCCTGCTCTGCAAGGCCATCCATGAGCAGATGAACTG
CAAGGAGTATCAGGAGGACCTGGCCCTGCGGGCTCAGAACGATGTGGCTGCCCGGCAGAC
GACAGAGATGCTGAAGGTGATGCTGCAGCAGGGCGAGGCCATGCGCTGCCCCCAGTGCCA
GATCGTGGTACAGAAGAAGGACGGCTGCGACTGGATCCGCTGCACCGTCTGCCACACCGA
GATCTGCTGGGTCACCAAGGGCCCACGCTGGGGCCCTGGGGGCCCAGGAGACACCAGCGG
GGGCTGCCGCTGCAGGGTAAATGGGATTCCTTGCCACCCAAGCTGTCAGAACTGCCACTG
AGCTAAAGATGGTGGGGCCACATGCTGACCCAGCCCCACATCCACATTCTGTTAGAATGT
AGCTCAGGGAGCTTCGTGGACGGCCTTGCTTGCTGTAGCGTTGTAGGGGCCCTGCCTGCA
CTGCGGTTGTCCACGGTCACATCTGCCCCAGTGCCTTTGTCCTTCCCTTGGGGCTTGCCG
GCCAGACTTCTCTCCCCTGCGGCTCCCACCTCTGCCTGACCCCAGCCTTAAACATAGCCC
CTGGCTAGAGGCCTTGCTGGGTGGAGCCTCTGTGTGACTCCATACTCCTCCCACCACAAC
ACTCATCTGTCAAACACCAAGCACTCTCAGCCTCCCCGCCTTCAGCTGTCAGCTTTCTGG
GGCTAACTTCTCTGCCTTTGTGGTTGGAGGCCTGAGGCCTCTTGGAACTCTTGCTAACCT
GTTCAGAGCCAGGAAGGAGACTGCACAGTTTTGAAAGCACAGCCCGTCAGGTCCGGCTCT
GCGTCTCCCTCTCTGCAGCCTGTGTAAGCTATTATAATTAAAATGGTTTTCCGGGAAAAA
AAAAAAAAAAAAACTCGAC

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_031229 unedited
TCAAAATTTGTATACGACTCACTATAGGCGGCCGCGNAATTCGCACGAGGCGCTCCCCTT
GCGAAGACTGGGGCCTCCCGGGAGGAGAGAGGGCTTTGCCTTGAAACCCGGGACGCCAGG
GGCGCTCCCGCAAGTGGGGGTCCTCCGGGACTTGGAACGCCCCGGCTGGGTGGTGTCCGG
GCGTCCTTTCCCCGCTTCTTCCCACCTCGGCTGGTCCCGTTTCCTCCTGCGCCCAGTGCG
GACCTGTCTCGGCGCCCGCTGCCCTCTCACCGCCCCACGCAGGATCCCGGCCTGGTCACC
GGGCAGTGTGATGCTTCCCGACTGCCGCGGGGACAGCGAGGCACACACAGGGCTTGGGCC
GCGCCGGAGGCCACACGGCCTGGCTGAGTTGCTCCTGGTCTCCCGCCTCTCCCAGGCGAC
CCGGAGGTAGCATTTCCCAGGAGGCACGGTCCCCCCCAGGGGGATGGGCACAGCCACGCC
AGATGGACGAGAAGACCAAGAAAGCAGAGGAAATGGCCCTGAGCCTCACCCGAGCAGTGG
CGGGCGGGGATGAACAGGTGGCAATGAAGTGTGCCATCTGGCTGGCAGAGCAACGGGTGC
CCCTGAGTGTGCAACTGAAGCCTGAGGTCTCCCCAACGCAGGACATCANGCTGTGGGTGA
GCGTGGAGGATGCTCAGATGCACACCGTCACCATCTGGCTCACAGTGCGCCCTGATATGA
CAGTGGCGTCTCTCAAGACATGGTTTTTCTGGACTATGGCTTCCCACCAGTCTTGCAGCA
GTGGGTGATTGGGCAGCGGCTGGCACGAGAACAGGAGAACCTGCACTTCCATGGGGTGCG
GCAGAATGGGGACAGTGCCTACCTTATCTGCTGTCAGNCCCGCACACTCCTTCACCTCAG
AACTGCACCGGNNAGCGCACTGCCGATGCTGAANAATCTGGCTTCAAGGACTTAGCTGCA
GCCGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_031229 unedited
CCGCATTTAGNGTCGAGTTTTTTTTTTTTTTTTTCCCGGAAAACCATTTTAATTATAAT
AGCTTACACAGGCTGCAGAGAGGGAGACGCAGAGCCGGACCTGACGGGCTGTGCTTTCAA
AACTGTGCAGTCTCCTTCCTGGCTCTGAACAGGTTAGCAAGAGTTCCAAGAGGCCTCAGG
CCTCCAACCACAAAGGCAGAGAAGTTATCCCCAGAAAGCTGACAGCTGAAGGCGGGGAGG
CTGAAAGTGCTTGGTGTTTGACAGATGAGTGTTGTGGTGGGAGGAGTATGGAGTCACACA
GAGGCTCCACCCAGCAAGGCCTCTAGCCAGGGGCTATGTTTAAGGCTGGGGTCAGGCAGA
GGTGGGAGCCGCAGGGGAGAGAAGTCTGGCCGGCAAGCCCCAAGGGAAGGACAAAGGCAC
TGGGGCAGATGTGACCGTGGACAACCGCAGTGCAGGCAGGGCCCCTACAACGCTACAGCA
AGCAAGGCCGTCCACGAAGCTCCCTGAGCTACATTCTAACAGAATGTGGATGTGGGGCTG
GGTCANCATGTGGCCCCACCATCTTTAGCTCAGTGGCAGTTCTGACAGCTTGGGTGGCAA
GGATCCCATTTACCCCTGCAGCGGCAGCCCCCGCTGGTGTCTCCTGGGCCCCCAGGCCCC
CAGCGTGGGCCCCTTGGTGACCCANCAGATCTCGGTGTGGCAAACCGTGCANNGGATCCA
GTCCCAGCCGTCCTCCTTTGTACCACGATCTGCACTGGNGGGAGCGCATGGCCTCNCCCT
GCTGCAAATAACCTTCAAGATCTCTGGCGTTTGCCGGCCAGCCCCATTGTCTGGCCCCCA
AGCCCAGGCCTCCTGAGACTCCTTGCAGTTATATGCTCATGATGCCCTTCCAACCAGCCA
TTGACCGGAAAACCCAGGCCAGGGAACTATTGCCTTATCCTCAN

Restriction Sites: NotI-NotI

ACCN: NM_031229

Insert Size: 2680 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:	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:	2715 bp
RefSeq ORF:	1503 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] Transcript Variant: This variant (2) encodes the longest isoform (2). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.