

Product datasheet for **SC313613**

RBCK1 (NM_006462) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RBCK1 (NM_006462) 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:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_006462 edited
 GGGGCCTCCCGGGAGGAGAGAGGGCTTTGCCTTGAAACCCGGGACGCCAGGGGCGCTCCC
 GCAAGTGGGGTCTCCGGGACTTGAACGCCCCGGCTGGGTGGTGTCCGGGCGTCTTT
 CCCCCTTCTTCCACCTCGGCTGGTCCCGTTTCTCCTGCGCCAGTGCGGACCTGTCT
 CGGCGCCCGTGCCTCTCACGCCCCACGAGGATCCCGGCTGGTACCAGGACAGTGT
 GATGCTTCCCGACTGCCCGGGACAGCGAGGCACACAGGGCTTGGCCCGCCGGAG
 GCCACACGGCTGGCTGAGTTGCTCCTGGTCTCCCGCTCTCCAGGCGACCCGGAGGTA
 GCATTTCCAGGAGGCAGGTCCCCCAGGGGATGGGCACAGCCAGCCAGATGGACG
 AGAAGACCAAGAAAGGCTGTGGGTGAGCGTGGAGGATGCTCAGATGCACACCGTACCAT
 CTGGCTCACAGTGCCTGATATGACAGTGGCGTCTCTCAAGGACATGGTTTTTCTGGA
 CTATGGCTTCCACCAGTCTTGCAGCAGTGGGTGATTGGGCAGCGGCTGGCACGAGACCA
 GGAGACCTGCACTCCCATGGGGTGCAGCAGAATGGGGACAGTGCCTACCTCTATCTGCT
 GTCAGCCCGCAACACCTCCCTCAACCTCAGGAGCTGCAGCGGGAGCGGCAGCTGCGGAT
 GCTGGAAGATCTGGGCTCAAGGACCTCACGCTGCAGCCGCGGGCCCTCTGGAGCCAGG
 CCCCCAAAGCCCGGGTCCCCAGGAACCCGGACGGGGCAGCCAGATGCAGTGCCTGA
 GCCCCACCGGTGGGCTGGCAGTCCCCGGGTGCACCTTCATCAACAAGCCACGCGGCC
 TGGCTGTGAGATGTGCTGCCGGGCGCGCCGAGGCTACCAGGTCCCCGCTCATACCA
 GCCCGACGAGGAGGAGCGAGCGCCTGGCGGGCAGGAGGAGCGCTGCGTCAGTACCA
 GCAGCGGAAGCAGCAGCAGCAGGAGGGGAACTACCTGCAGCACGTCCAGCTGGACCAGAG
 GAGCCTGGTGTGAACACGGAGCCCGCCGAGTCCCCGTGTGCTACTCGGTGCTGGCGCC
 CGGCGAGGCCGTGGTGTGCGTGAGTGTCTGCACACCTTCTGCAGGGAGTGCCTGCAGGG
 CACCATCCGCAACAGCCAGGAGGGGAGGTCTCCTGCCCTTATTGACAACACCTACTC
 GTGCTCGGGCAAGCTGCTGGAGAGGGAGATCAAGGCGCTCTGACCCCTGAGGATTACCA
 GCGATTTCTAGACCTGGGCATCTCCATTGCTGAAAACCGCAGTGCCTTCAGCTACCATTG
 CAAGACCCAGATTGCAAGGGATGGTGTCTTTTGGAGTGTGCAATGAGTTCACCTG
 CCCTGTGTGTTTCCACGTCAACTGCCTGCTCTGCAAGGCCATCCATGAGCAGATGAACTG
 CAAGGAGTATCAGGAGGACCTGGCCCTGCGGGCTCAGAACGATGTGGTGCCTCCCGGACAG
 GACAGAGATGCTGAAGGTGATGCTGCAGCAGGGCGAGGCCATGCGCTGCCCCAGTGCCA
 GATCGTGTACAGAAGAAGGACGGCTGCGACTGGATCCGCTGCACCGTCTGCCACACCGA
 GATCTGCTGGGTACCAAGGGCCACGCTGGGGCCCTGGGGGCCAGGAGACACCAGCGG
 GGCTGCCGCTGCAGGTAATGGGATTCTTGCACCCAAGCTGTCAGAACTGCCACTG
 AGCTAAAGATGGTGGGGCCACATGCTGACCCAGCCCACATCCACATTCTGTTAGAAATGT
 AGCTCAGGGAGCTTCGTGGACGGCTTGTGCTGAGCGTTGTAGGGGCCCTGCCTGCA
 CTGCGGTTGTCCACGGTACATCTGCCCCAGTGCCTTTGTCTTCCCTTGGGGCTTGCCG
 GCCAGACTTCTCTCCCCTGCGGCTCCCACCTCTGCCTGACCCAGCCTTAAACATAGCCC
 CTGGCCAGAGGCCTTGTGGGTGGAGCCTCTGTGTGACTCCATACTCTCCACCAACAAC
 ACTCATCTGTCAAACACCAAGCACTCTCAGCCTCCCCGCTTTCAGCTGTGAGCTTTCTGG
 GGCTAACTTCTCTGCCTTTGTGGTTGGAGGCTGAGGCCTTTGGAACCTTTGCTAACCT
 GTTCAGAGCCAGGAAGGAGACTGCACAGTTTTTGAAGCACAGCCCGTCAAGTCCGGCTCT
 GCGTCTCCCTCTCTGCAGCCTGTGTAAGCTATTATAATTAATTAATGTTTTCCGGGAAAAA
 AA
 AA
 AAAAAAAAAAGAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: NotI-NotI
ACCN: NM_006462
Insert Size: 2350 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 clone has been fully sequenced and found to be a perfect match to the protein associated with this reference, NM_006462.4.
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>NM_006462.2</u> , <u>NP_006453.1</u>
RefSeq Size:	2570 bp
RefSeq ORF:	1407 bp
Locus ID:	10616
UniProt ID:	<u>Q9BYM8</u>
Cytogenetics:	20p13
Domains:	RING, zf-RanBP
Protein Families:	Druggable Genome
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) lacks exon 2, which contains a translation start codon used by variant 2. Instead, it uses an in-frame start codon in exon 1, resulting in isoform 1 that has a distinct N-terminus compared to that of isoform 2.</p>