

Product datasheet for **SC127387**

RAB6C (NM_032144) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB6C (NM_032144) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB6C
Synonyms:	WTH3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032144, the custom clone sequence may differ by one or more nucleotides

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ATGTCCGCGGGCGGAGACTTCGGAATCCGCTGAGGAAATTCAGCTGGTGTTCCTGGGGGAGCAAAGCG
TTGCAAAGACATCTTTGATCACCAGATTCAGGTATGACAGTTTTGACAACACCTATCAGGCAATAATTGG
CATTGACTTTTTATCAAAACTATGTACTTGGAGGATGGAACAATCGGGCTTCGGCTGTGGGATACGGCG
GGTCAGGAACGTCTCCGTAGCCTCATTCCAGGTACATCCGTGATTCTGCTGCAGCTGTAGTAGTTTACG
ATATCACAAATGTAACTCATTCCAGCAAACACAAAGTGGATTGATGATGTCAGAACAGAAAGAGGAAG
TGATGTTATCATCAGCTAGTAGGAAATAGAACAGATCTTGCTGACAAGAGGCAAGTGTCAGTTGAGGAG
GGAGAGAGGAAAGCCAAAGGGCTGAATGTTACGTTTATTGAAACTAGGGCAAAAGCTGGATACAATGTAA
AGCAGCTCTTTGACGTGTAGCAGCAGCTTTGCCGGAATGGAAAGCACACAGGACGGAAGCAGAGAAGA
CATGAGTGACATAAACTGGAAGCCTCAGGAGCAAAACAGTCAGCGAAGGGGGTTGTTCTCTGCTACTCT
CCCATGTCATCTTCAACCCTTCCTCAGAAGCCCCCTTACTCTTTTCATTGACTGCAGTGTGAATATTGGCT
TGAACCTTTCCCTTCATTAATAACGTTTTGAATTCATCATTGCTGCCTGTCTCGTGGAGGTGA
  
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032144 unedited
 GAATTTGTATACGACTACTATAGGCGGCCCGCAATCGGCACGAGGGCCGGGTGAGGAA
 GAAGGGAACGGCCCTAGCCTTGGGAAGCCAAAGCATACCCCTGGCTCCTGCCGACACCGC
 CCTCCTTCCCTTCCCAGCCGCGGGCCTCGCTCGGTGCTCGGCTACTCTGCCGGGAGGCGG
 CGGCGGCTGCCAGTCTGTGGAGAGTCTGCTGCCCTCCAGCCGGGCTCCTCCACCGGCC
 TTGCAGGGGCGCAGAGAGCTCGGCGCCCGCCCTTCCGCTCGCCTTTTTCGTCAGCCGGCT
 GGAGAGCATCGGTCCGGGAGGTCTCTGGGCTGAGGCGGCGACAGCTCCTCTAGTTCCAC
 CATGTCCGCGGGCGGAGACTTCGGGAATCCGCTGAGGAAATTCAAGCTGGTGTTCCCTGGG
 GGAGCAAAGCGTTGCAAAGACATCTTTGATCACCAGATTCAAGGTATGACAGTTTTTGACAA
 CACCTATCAGGCAATAATTGGCATTGACTTTTTATCAAAAATCTGTAAGTGGAGGATGG
 AACAATCGGGCTTCGGCTGTGGGATACGGCGGGTCAGGAACGTCTCCGTAGCCTCATTCC
 CAGGTACATCCGTGATTCTGCTGCAGCTGTAGTAGTTTACGATATCACAATGTTAACTC
 ATTCCAGCAAATACAAAGTGGATTGATGATGTCAAAACAGAAGGAGGAAGTGTATTAT
 CATCACGCTAGTAGGAATAAAACAGATCTTGTCTGAACAGAGCAAGTGTCAATTGGAGAGG
 GAGAGAGGAAAGCAAGGCTGAAATGTACCTTAATTGAAACCTAGGCAAAGGCTGAAA
 CAATGTAAAGCAGCTCTCCGACGTGTAGCAGCAGCTTTGCCGGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_032144 unedited
 CCCCATTCTTGNACCCGGCCGATTCTACGAGCGATTTTTTTTTTTTTTTTTTTCATA
 GGGAAATCAATATTTATTTAGGAACATGCCATGTCAAAATAAAACAGAGTCAACCCTTGC
 CTTTAGCAATTATATTGTATTATAAAAGCACTTTATAACTCCATCCCATCTTTAAGTGTA
 AGTTACTGGTATGTGGGCTAATGATTATCTGTAAGCATTCTCTATTGATCCATAATC
 CAAGTGCTCTCTGAATATTACAAGGTGACAATAAGTGGGAAGTGAAGGAGGAAGAGGAAA
 GAGAGGGGACTAAGGTTCTCCAGTTTAAGGTTTTGTTGCAATGAGGGGATGAGGAAGTA
 TGAAGACATTTTTGTTGCCTTTTCATCTTTATACTGTGTTAAGTAACGTTTACAACATAA
 ATTCAGCAGGCTTTTCTGACCTATAACTCGAAGTTTTCTTCTGCAAACAATGTATTTA
 CAAATGTGTTTATTAGCTTACACAGCAATCTCACAATACCTAGTGAAGATTAAAAGGGCA
 CACTCTTAGTATATTTGTTTGCAGTGTTATAAGGGAAATACATATTGCCATGGTGAAGCT
 CTAAATAGATTCAACGAAACATCTAAACATTGAAAGTTGTTAAAAAAAATGCCAAGAAA
 TTCCCCAACGAACAAAGACCAACTTTACCTTAAATCTAAACTAAATCATTAGTTAATT
 AACCTATACGGATTTCTTCCAAACGAAAACCTGCCTGGAAGACCAACCCTTTAAAAAATG
 CTACAAAACAAGGCATAAATCTGCAATAAAATCAACCCTCAATTCCCATCCCCTCCTTTC
 CCTCTACTAAGCAGGCTACCCCCGAACCGCCTTTAGCGCCTTAACAACCACAAGGTTCC
 CGGCCCAACCTTC

Restriction Sites:

NotI-NotI

ACCN:

NM_032144

Insert Size:

3090 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_032144.1 , NP_115520.1
RefSeq Size:	3084 bp
RefSeq ORF:	765 bp
Locus ID:	84084
UniProt ID:	Q9H0N0
Cytogenetics:	2q21.1
Domains:	ras, RAN, RAS, RHO, RAB
Protein Families:	Druggable Genome
Gene Summary:	May be involved in the regulation of centrosome duplication and cell cycle progression. [UniProtKB/Swiss-Prot Function]