

Product datasheet for **SC115252**

RAB3IL1 (NM_013401) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB3IL1 (NM_013401) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB3IL1
Synonyms:	GRAB
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_013401, the custom clone sequence may differ by one or more nucleotides

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ATGTGGAGCGGCCACCCAGCCAGACCAGGGCCTCCCGCCGCCCTTGCAGCTGTCCCGTCCCCTGGA
AGAGCACGGACCCTGCCAAGGCCACAGGGAGTCCCAGGAGCCCTGGTGGAGACCTCTGCAGGGGAGGA
GGCCCAAGGCCAGGAGGGCCCCGAGCCGCCAGCTGGACGTGTTGCGCCTGCGCAGCTCTTCCATGGAG
ATCCGAGAGAAGGGCTCCGAGTTCCTGAAGGAGGAGCTGCACAGAGCGCAGAAGGAGCTGAAGCTAAAGG
ACGAGGAATGTGAGCGGCTGTCCAAGGTGCGGGAGCAGCTAGAACAGGAGCTGGAAGAGCTGACGGCCAG
CCTGTTTGAGGAAGCTCACAAGATGGTTCGAGAAGCCAACATGAAGCAGGCGGCATCAGAAAAGCAGCTG
AAGGAGGCTCGGGCAAGATCGACATGCTGCAGGCAGAGGTGACAGCCTTGAAGACGCTGGTCATCACGT
CCACACCAGCCTCTCCAACCGGAGCTTCACCCCCAGCTGCTGAGCCCCACCAAGGCCGGGCCCGGAAA
GGGCCACTCTCGCCACAAGACACCAGCAGCACCCCTCTGCCCCGCGTGTGTCCCCTGCGGGACACACC
CTCACCCAGACAGAGAGGGCAAGGAGGTGGACACAATCCTGTTTGCAGAGTTCAGGCCTGGAGGGAAT
CCCCACCCTGGACAAGACCTGCCCTTCTGAAAGGGTGTACCGAGAGGACGTGGGCCCTGCCTGGA
CTTCAATGCAGGAGCTCTCGGTGCTGGTACGGGCCCGCTGGAGGACAACACGCTCACCATTGAGCCG
GTGGCTTCGCAGACGCTGCCACAGTGAAGGTGGCCGAGGTTGACTGTAGCAGCACCAACACATGTGCC
TGAGCGGGCTGACCCGCACCTGCCGCCACCGAATCCGGCTCGGGGACTCCAAAAGCCATTACTACATCTC
GCCATCTTCCCGGCCAGGATCACCGCAGTGTGCAACTTCTTACCTACATCCGCTACATCCAGCAAGGC
CTGGTCCGGCAGGACGCAGAGCCCATGTTCTGGGAGATCATGAGGTTGCCGAAGGAGATGCTACTGGCCA
AGCTCGGCTTCTTCCCCAGGAGCTTAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_013401 unedited NGGGTCGCGATTTTGTAAATACGACTTCACTATAGGGCGGCCGGAATTCGCACGAGGCCG GGCACGTGTCTCCGGGCCGCTCCCCCTCCGCCACGTGACCCGCCAGGGCAGGGTCGGG GCTGGGCTGGGGGCCGAGCCAGGCGTCTGAGACCTACTGACCGGCCGCGGGCAGGGC TGACAGGCGGTGGGGCGGCTCGGCCCTGGCGGAGTCGGCGCGGGCGGGGACGCGGCGC TGGGAGGACGCGCGGCGCTGGGAACGGACGCTGGGCGCCCCGAGGCGCCGGGATGTGG AGCGGCCACCCAGCCAGACCAGGGCCTCCCGCCGCCCTTGACGCTGTCCCGTCCCC TGGAAAGCACGACCCCTGCCAAGGCCACAGGAGTCCCAGGAGCCCTGGTGGAGACC CCTGCAGGGGAGGAGGCCAAGGCCAGGAGGGCCCGCAGCCGCCAGCTGGACGTGTTG CGCCTGCGCAGCTCTTCCATGGAGATCCGAGAGAAGGGCTCCGAGTTCCTGAAGGAGGAG CTGCACAGAGCGCAGAAGGAGCTGAAGCTAAAGGACGAGGAATGTGAGCGGCTGTCCAAG GTGCGGGAGCAGCTAGAACAGGAGCTGGAAGAGCTGACGGCCAGCCTGTTTGAGGAAGCT CACAAGATGGTTCGAGAAGCCAACATGAAGCAGGCGGCATCAAANAAGCAGCTGAAGGGA GGCTCGGGCAAGATCGACATGCTGCAGGGCAGAGTGACAGCCTTGAAGACGCTGGGTATC ACGTNCACACCAGCCTTCCCACGCGAAGCTTACCCCCAGCTGCTGAGCCCCACCA GGNNGCGGCCCGAAAGGGCCACTCTCGCCACAGGAGCACCAGCAGCACCTCTGCCCC CCCGTGTGTTCCGCTTGGGGGACCACCCTCACCCAGAACGAAAGGCTAGGAGGTGAACA CAATCTGTTC
Restriction Sites:	NotI-NotI
ACCN:	NM_013401
Insert Size:	2750 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).
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:	NM_013401.2 , NP_037533.2
RefSeq Size:	2305 bp
RefSeq ORF:	1149 bp
Locus ID:	5866
UniProt ID:	Q8TBN0
Cytogenetics:	11q12.2-q12.3

Gene Summary:

This gene encodes a guanine nucleotide exchange factor for the ras-related protein Rab3A. The encoded protein binds Rab3a and the inositol hexakisphosphate kinase InsP6K1. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 7. [provided by RefSeq, Nov 2012]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).