

Product datasheet for **SC333084**

RAB3IL1 (NM_001271686) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RAB3IL1 (NM_001271686) Human Untagged Clone
Tag: Tag Free
Symbol: RAB3IL1
Synonyms: GRAB
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC333084 representing NM_001271686.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGACTCTTCTGAGGAGCAGCTGGGTGCCCCGCCGAGGGACATGTCCCGTGTCTCGCCATGAGT
GCAGGGACTGTCCGCTACGCCCCATCAGGCCTGTGCCCTGACTTGAGGGAACTTGAGAGAAGAGCCC
TGGGGCACAGACAGCCACCCAGCCAGACCAGGGCCTCCCGCCGCCCTTGACGCTGTCCCGTCCCC
TGAAGAGCACGGACCCCTGCCAAGGCCACAGGGAGTCCCAGGAGCCCTGGTGGAGACCTGCAGGG
GAGGAGGCCAAGGCCAGGAGGGCCCCGACGCCAGCTGGACGTGTTGCGCTGCGCAGCTCTTCC
ATGGAGATCCGAGAGAAGGGCTCCGAGTTCCTGAAGGAGGAGCTGCACAGAGCGAGAAGGAGCTGAAG
CTAAAGGACGAGGAATGTGAGCGGCTGTCCAAGGTGCGGGAGCAGCTAGAACAGGAGCTGGAAGAGCTG
ACGGCCAGCCTGTTTGAGGAAGCTCACAAGATGGTTTCGAGAAGCCAACATGAAGCAGGCGGCATCAGAA
AAGCAGCTGAAGGAGGCTCGGGCAAGGTGGACACAATCCTGTTTGCAGAGTTCCAGGCCTGGAGGGAA
TCCCCACCCTGGACAAGACCTGCCCTTCTGAAAAGGGTGTACCGAGAGGACGTGGGCCCCCTGCCTG
GACTTCACAAATGCAGGAGCTCTCGGTGCTGGTACGGGCCGCCGTGGAGGACAACACGCTCACCATTGAG
CCGGTGGCTTCGAGACGCTGCCACAGTGAAGGTGGCCGAGGTTGACTGTAGCAGCACCAACACATGT
GCCCTGAGCGGGCTGACCCGCACCTGCCGCCACCGAATCCGGCTCGGGGACTCCAAAAGCCATTACTAC
ATCTCGCCATCTTCCCGGCCAGGATCACCGCAGTGTGCAACTTCTTACCTACATCCGCTACATCCAG
CAAGGCCTGGTGCGGCAGGACGCAGAGCCCATGTTCTGGGAGATCATGAGGTTGCCGAAGGAGATGTCA
CTGGCCAAGCTCGGCTTCTTCCCCAGGAGGCTTAG
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Restriction Sites: SgfI-MluI
ACCN: NM_001271686
Insert Size: 1071 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).



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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_001271686.1
RefSeq Size:	2149 bp
RefSeq ORF:	1071 bp
Locus ID:	5866
UniProt ID:	Q8TBN0
Cytogenetics:	11q12.2-q12.3
MW:	39.8 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and 5' coding region, and lacks an alternate in-frame exon in the central coding region, compared to variant 1. The encoded isoform (2) has a distinct N-terminus and is shorter than isoform 1.</p>