

Product datasheet for **SC319874**

RAB4B (NM_016154) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB4B (NM_016154) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB4B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene sequence for NM_016154.3</p> <pre> CCGGGGAGTAGGAAGGAGCCGGGCTGTAGCCGGAGTGGAGCGGCTGCCAGCCGAGGAGC AGGCGCGCCGCGGCCCATATTGCGGCCCTCAGCGGCCGCGACCGAGTCATGGCTGAGA CCTACGACTTCCTCTCAAATTCCTGGTATTGGCAGTGCAGGAACTGGCAAATCATGTC TCCTTCATCAGTTCATTGAGAATAAGTTCAAACAGGACTCCAACCACACAATCGGCCTGG AGTTTGGATCCCGGGTGGTCAACGTGGGTGGGAAGACTGTGAAGCTACAGATTTGGGACA CGGCTGGCCAGGAGCGGTTTCGGTCAGTGACGCGGAGTTATTACCGAGGGGCGGCTGGAG CCCTGCTGGTGTACGACATCACCAGCCGGGAGACATACTCACTGGCTGCCTGGCTGA CGGATGCCCGCACCTGGCCAGCCCAACATCGTGGTCATCCTCTGTGGCAACAAGAAGG ACCTGGACCCTGAGCGGGAGGTCACTTTCTGGAGGCTCCCGCTTTGCCAGGAGAATG AGCTGATGTTCTGGAGACCAGCGCTCTCACAGGCGAGAACGTGGAGGAGCGTTCTCA AGTGTGCCCGCACTATCCTCAACAAGATTGACTCAGGCGAGCTAGACCCGAGAGGATGG GCTCTGGCATTACGTACGGGGATGCGTCCCTCCGCCAGCTTCGGCAGCCTCGGAGTGCC AGGCCGTGGCCCTCAGCCGTGTGGCTGCTGAGCTCTGTGGAGCCAGCTCACCTGTTCTC CAGGACCAGCCCTGCTGGGGCCAGGCCAGGCTCTGAGAGGCGGTGTCCTAACCTGCC TGGCCCCGGAGAAGCTACGTTGCCACCTGTCCCTTCCCTGGCCTGGTGGGGCTGGCT TTGGGGCAAGACTGAGCCACGGGGGAAGGGGAATCCCGTACCTGCTGCTTCTCTG TCTTGGCTAACGTCTGTCCCTGAACCCCTAACCATACCCCAAGAGCTCCCAAAGCCTG AGACCAGGTCATTTGTCCCAACTCCCATCTGGCCCTGCTGTTGCTAGTACCTGTTAT TTATTACCTGGAGCCTGTCCAGCACCCACCCTACCCCAATAAAGCATTGTTACAAAAA AAAAAAAAAAAAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_016154



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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 TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_016154.3</u> , <u>NP_057238.3</u>
RefSeq Size:	1160 bp
RefSeq ORF:	642 bp
Locus ID:	53916
UniProt ID:	<u>P61018</u>
Cytogenetics:	19q13.2
Domains:	ras, RAN, RAS, RHO, RAB
Protein Families:	Druggable Genome
Gene Summary:	RAB proteins, such as RAB4B, are members of the RAS superfamily of small GTPases that are involved in vesicular trafficking (He et al., 2002 [PubMed 12450215]).[supplied by OMIM, Aug 2009]