

Product datasheet for **SC106017**

RAB39B (BC009714) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB39B (BC009714) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB39B
Synonyms:	OTTHUMP0000024247; RAB39B, member RAS oncogene family
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for BC009714, the custom clone sequence may differ by one or more nucleotides

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ATGGAGGCCATCTGGCTGTACCAGTTCGGCTCATTGTCATCGGGGATTCCACAGTGGGCAAGTCCTGCC
TGATCCGCCGCTTACCAGGGTCGCTTTGCCAGTTTCTGACCCACCGTGGGGTGGATTTTTTCTC
CCGCTTGGTGGAGATCGAGCCAGGAAAACGCATCAAGCTCCAGATCTGGGATACCGGGTCAAGAGAGG
TTCAGATCCATCACTCGCGCTACTACAGAACTCAGTAGGTGGTCTTCTTATTTGACATTACCAACC
GCAGGTCCTTCCAGAATGCCATGAGTGGTTAGAAGAGACCAAAGTACACGTTTCAGCCCTACCAAATTGT
ATTTGTTCTGGTGGGTCACAAGTGTGACCTGGATACACAGAGGCAAGTGACTCGCCACGAGGCCGAGAAA
CTGGCTGCTGCATACGGCATGAAGTACATTGAAACGTCAGCCCGAGATGCCATTAATGTGGAGAAAAGCCT
TCACAGACCTGACAAGAGACATATATGAGCTGGTTAAAAGGGGGGAGATTACAATCCAGGAGGGCTGGGA
AGGGGTGAAGAGTGGATTTGTACCAATGTGGTTCCTCAGAAAGAGGTTGTCAAATCAGAGAGGAGA
TGTTTGTGCTAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC009714 unedited ACGCGGGGATTACAGTAACCCGGTTGTCAGTGATGAGTCAGAGTGCGTGGTGCTGATGC TGCTGCCATTTTCATCACCTTTGCGAGCGCAGCATCCATCCCTCCGCTCTCCCGGCGCCTG GGCCTACCCAGCTTCGGGCTCCCAGGCCAGCGATGCGCTCGCGGCTGAGCTAGATCCTGC CGAGCCGCGCTCTCTGAGGCGTCGGCGGGGCGCCCCCTCCCGCGTCCCGGTCCGGGCC AAGGAGACCTGCAGAGCCGCGGCCATGGAGGCCATCTGGCTGTACCAGTTCGGGTCATT GTCATCGGGGATTCCACAGTGGCAAGTCTGCCTGATCCGCGCTTACCAGGGTCCG TTTGCCAGGTTTCTGACCCACCGTGGGGTGGATTTTTCTCCCGCTTGGTGGAGATC GAGCCAGGAAAACGCATCAAGCTCCAGATCTGGGATACCGCGGGTCAAGAGAGGTTCA TCCATCACTCGCGCTACTACAGGAACTCAGTAGGTGGTCTTCTTATTTGACATTACC AACCGCAGGTCTTCCAGAATGTCCATGAGTGGTTAGAAGAGACCAAAGTACACGTTTCA CCCTACCAATGTATTTGTTCTGGTGGGTACAGTGTGACCTGGTACACAGAGGCCAGT GACTCNGCAGGAGCCGAAGAACTGGGTGCTGCTACGGCATGAAGACATTGAACGTCAGCC CGAATGCCTTAATGGGAGAAAGCCTCCAGACCTGACAGAACTTATGAACTGGTTAAAGG GGGAGATACAATCATAAGGCTGAAAGGGTAAAGGGGATTGCACCAAGGTGTTTCATCTT AAAAG
Restriction Sites:	NotI-NotI
ACCN:	BC009714
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:	<u>BC009714.1</u> , <u>AAH09714.1</u>
RefSeq Size:	1032 bp
RefSeq ORF:	1032 bp
Locus ID:	116442
Cytogenetics:	Xq28
Domains:	ras
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a member of the Rab family of proteins. Rab proteins are small GTPases that are involved in vesicular trafficking. Mutations in this gene are associated with X-linked cognitive disability. [provided by RefSeq, Aug 2013]