

Product datasheet for **SC105811**

RAB39B (AL834460) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RAB39B (AL834460) Human Untagged Clone
Tag:	Tag Free
Symbol:	RAB39B
Synonyms:	MRX72; WSMN
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AL834460, the custom clone sequence may differ by one or more nucleotides

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ATGGAGGCCATCTGGCTGTACCAAGTCCGGCTCATTGTCATCGGGGATTCCACAGTGGGCAAGTCTGCC
TGATCCGCGCTTCACCGAGGGTCGCTTTGCCAGGTTTCTGACCCACCGTGGGGTGGATTTTTCTC
CCGCTTGGTGGAGATCGAGCCAGGAAAACGCATCAAGCTCCAGATCTGGGATACCGCGGGTCAAGAGAGG
TTCAGATCCATCACTCGCGCTACTACAGGAAGTCAAGTCCAGATCTGGGATACCGCGGGTCAAGAGAGG
GCAGGTCTTCCAGAATGTCCATGAGTGGTTAGAAGAGACCAAAGTACACGTTCCAGCCCTACCAAATTGT
ATTTGTTCTGGTGGGTCAACAAGTGTGACCTGGATACACAGAGGCAAGTACTCGCCACGAGGCCGAGAAA
CTGGCTGCTGCATACGGCATGAAGTACATTGAAACGTCAGCCCGAGATGCCATTAATGTGGAGAAAGCCT
TCACAGACCTGACAAGAGACATATATGAGCTGGTTAAAAGGGGGGAGATTACAATCCAGGAGGGCTGGGA
AGGGGTGAAGAGTGGATTTGTACCAAATGTGGTCACTCTTCAGAAGAGGTTGTCAAATCAGAGAGGAGA
TGTTTGTGCTAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for AL834460 unedited TTGTATACGACTACTATAGGGCGGCCGGAATTCGCACGAGGCTCCGCTCTCCCGGCC TGGGCCTACCCAGCTTCGGGCTCCAGGCCAGCGATGCGCTCGCGGCTGAGCTAGATCCT GCCGAGCCGCGCTCTCTGAGGCGTCGGCGGGCGCCCCCTCCCGCGTCCCGGTCCGGG CCAAGGAGACCTGCAGAGCCGCGCCATGGAGGCCATCTGGCTGTACCAGTTCGGCTCA TTGTCATCGGGGATTCCACAGTGGCAAGTCTGCCTGATCCGCCGCTTACCGAGGGTC GCTTTGCCAGGTTTCTGACCCACCGTGGGGTGGATTTTTTCTCCCGTTGGTGGAGA TCGAGCCAGGAAAACGCATCAAGCTCCAGATCTGGGATACCGCGGTCAAGAGAGTTCA GATCCATCACTCGGCCTACTACAGGAAGTCAAGTGGTCTTCTCTTATTGACATTA CCAACCGAGTCTTCCAGAATGTCCATGAGTGGTTAGAAGAGACCAAAGTACACGTTT AGCCCTACCAAATTGATTTGTTCTGGTGGTCAAGTGTGACCTGGATACACAGAGGC AAGTGACTCGCCACGAGGCCGAGAACTGGCTGCTGCATACGGCATGAAGTACATTGAAA CGTCAGCCCGAGATGCCATTAATGTGGGAGAAAGCCTTACAGACCTGACAAGAGACATA TATNGAGCTGGTAAAAGGGGGGAGATTACAATCCAGNAGGGCTGGNAAGNGTGGAA NNAGTGGNATTTGTACCAAATGGTGGTTCCTCAANAAGNAGTTGTCAAATCAAGAA GGAAAATGTTNGNCCTAGTCAGTCTTTTATTCCAAAAGTGTCTCTACTTTGACTG AAAAGTAGAGAATAAAAGAAATCTTGGGGTACTGATGANGAACTCACCTNCATTTGATAC CAGNGAG
Restriction Sites:	NotI-NotI
ACCN:	AL834460
Insert Size:	3500 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:	AL834460.1 , CAD39120.1
RefSeq Size:	3386 bp
RefSeq ORF:	3386 bp
Locus ID:	116442
Cytogenetics:	Xq28
Domains:	ras, RAN, RAS, RHO, RAB
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]