

Product datasheet for **SC323711**

RAB39B (NM_171998) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RAB39B (NM_171998) Human Untagged Clone
Tag: Tag Free
Symbol: RAB39B
Synonyms: BGMR; MRX72; WSMN; WSN
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >OriGene sequence for NM_171998.2

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>OriGene sequence for NM_171998.2
CTCTTACAGATAGTGC GGCGGCC CAGGCGTCGCGTCTACGCGGGGATTACAGTAACCCG
GTTGTCAGTGATGAGTCAGAGTGC GTGGTGCTGATGCTGCTGCCATTTTCACACCTTTGC
GAGCGCAGCATCCATCCCTCCGCTCTCCCGGCGCCTGGGCTACCCAGCTTCGGGCTCCC
AGGCCAGCGATGCGCTCGCGGCTGAGCTAGATCCTGCCGAGCCGCGCTCTCTGAGGCGTC
GGCGGGGCGCCCCCTCCCGCGTCCCCGGTCCGGGCAAGGAGACCTGCAGAGCCGCGGC
CATGGAGGCCATCTGGCTGTACCA GTTCCGGCTCATTGTCATCGGGGATTCCACAGTGGG
CAAGTCTGCCTGATCCGCCGCTT CACCGAGGGTCGCTTTGCCAGGTTTCTGACCCAC
CGTGGGGTGGATTTTTTCTCCCGCTTGGTGGAGATCGAGCCAGGAAAACGCATCAAGCT
CCAGATCTGGGATACCGGGGTCAAGAGAGGTT CAGATCCATCACTCGCGCCTACTACAG
GAACTCAGTAGGTGGTCTTCTCTTATTTGACATTACCAACCGCAGGTCTTCCAGAATGT
CCATGAGTGGTTAGAAGAGACCAAAGTACACGTT CAGCCCTACCAAATTTGATTTGTTCT
GGTGGGTCACAAGTGTGACCTGGATACACAGAGGCAAGT GACTCGCCACGAGGCCGAGAA
ACTGGCTGCTGCATACGGCATGAAGTACATTGAAACGTCAGCCC GAGATGCCATTAATGT
GGAGAAAGCCTTCACAGACCTGACAAGAGACATATAGAGCTGGTTAAAAGGGGGGAGAT
TACAATCCAGGAGGGCTGGGAAGGGTGAAGAGTGGATTTGTACCAAATGTGGTTCACTC
TTCAGAAGAGGTTGTCAAATCAGAGAGGAGATGTTTGTGCTAGTCAGTTCTTTTATTTCC
AAAACATGCTCTCTACTTGAAC TGAAAAGTAAGAGAAATAAATAGAATCTTTGTGTAAA
AAAAAAAAAAAA
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Restriction Sites: EcoRI-NOT
ACCN: NM_171998
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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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_171998.2, NP_741995.1</u>
RefSeq Size:	3499 bp
RefSeq ORF:	642 bp
Locus ID:	116442
UniProt ID:	<u>Q96DA2</u>
Cytogenetics:	Xq28
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]