

Product datasheet for **SC124691**

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
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC124691 sequence for NM_171998 edited (data generated by NextGen Sequencing) ATGGAGGCCATCTGGCTGTACCAGTTCGGCTCATTGTCATCGGGGATTCCACAGTGGGC AAGTCCTGCCTGATCCGCCGCTTCACCGAGGGTCGCTTTGCCAGGTTTCTGACCCACC GTGGGGTGGATTTTTCTCCCGCTTGGTGGAGATCGAGCCAGGAAAACGCATCAAGCTC CAGATCTGGGATACCGCGGTCAAGAGAGGTTTCAGATCCATCACTCGCGCCTACTACAGG AACTCAGTAGGTGGTCTTCTCTTATTTGACATTACCAACCGCAGGTCCTTCCAGAATGTC CATGAGTGGTTAGAAGAGACAAAGTACACGTTTCAGCCCTACCAAATTGTATTTGTTCTG GTGGGTCACAAGTGTGACCTGGATACACAGAGGCAAGTGACTCGCCACGAGGCCGAGAAA CTGGCTGCTGCATACGGCATGAAGTACATTGAAACGTCAGCCCGAGATGCCATTAATGTG GAGAAAGCCTTACAGACCTGACAAGAGACATATATGAGCTGGTTAAAAGGGGGGAGATT ACAATCCAGGAGGCTGGGAAGGGTGAAGAGTGGATTTGTACCAATGTGGTTCCTCT TCAGAAGAGGTTGTCAAATCAGAGAGGAGATGTTTGTGCTAG
	Clone variation with respect to NM_171998.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_171998 unedited GTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGTCGGCGGGGCGCCCC TCCCGCGTCCCCGGTCCGGGCCAAGGAGACCTGCAGAGCCGCGGCCATGGAGGCCATCT GGCTGTACCAGTCCGGCTCATTGTTCATCGGGGATTCCACAGTGGGCAAGTCCTGCCTGA TCCGCCGCTTCACCGAGGGTCGCTTTGCCAGGTTTCTGACCCACCCTGGGGTGGATT TTTTCTCCCGCTTGGTGGAGATCGAGCCAGGAAAACGCATCAAGCTCCAGATCTGGGATA CCGCGGGTCAAGAGAGGTTCCAGATCCATCACTCGCGCCTACTACAGGAACTCAGTAGGTG GTCTTCTTTATTGACATTACCAACCGCAGGTCCTTCCAGAATGTCCATGAGTGGTTAG AAGAGACCAAAGTACACGTTTCAGCCCTACCAAATTGTATTTGTTCTGGTGGGTCAACAAGT GTGACCTGGATACACAGAGGCAAGTGACTCGCCACGAGGCCGAGAAAAGTGGCTGTGCAT ACGGCATGAAGTACATTGAAACGTGAGCCGAGATGCCATTAATGTGGAGAAAGCCTTCA CAGACCTGACAAGAGACATATATGAGCTGGTAAAAGGGGGGAGATTACAATCCAGGAGG GCTGGGAAGGGGTGAAGAGTGGATNTGTACCANATGTGGTTCCTTCCAGAAGAAGTTG TCAATCAGAGAGAGATGTTTGTGCTAGTCAGTCTTTTATTTCCAAAACATGCTCTNC TACTTGNACNNTGAAAGTAGAGAAATAAATAGAATCTTTGTGTAAGTATGAGAACTCAA CCTCCATTTGGAATACCAAGTGAGCCTCCCTCTNAGGGGACTCTGACANGACTCGTGTG CCGTGGAATGGGGTGCCCTGAATGCTGTGACAAAGGNACTGNAATGCTGACATGGC
Restriction Sites:	ECoRI-NOT
ACCN:	NM_171998
Insert Size:	2700 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:	NM_171998.2 , NP_741995.1
RefSeq Size:	3499 bp
RefSeq ORF:	642 bp
Locus ID:	116442
UniProt ID:	Q96DA2
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]