

Product datasheet for **SC123308**

FAM71A (NM_153606) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM71A (NM_153606) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM71A
Synonyms:	GARI-L4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_153606 edited
AGAGAGAGGGTCGTCACCTTCTGTCACTAGGACTACAGTTTGTAGTCTCTCTCAGGGAGA
GAGACTACAACTGTAGTTAAAAAATCAGAGGTGGAGGTGAGGGGTTAGGTCCAGAAG
AAAACCTCTCTGGAGCCACCTGCATCTCTACGTCTTGAAGAGTCTGGAGTCCAGGCA
CCCTACAGCACCCCCACAGCAATCATCCGTGCTCCACCCCAACCCGGCCTCTGGGAG
GCTCTGAGGCAACAGTGGGGGCTGTGGGTGGGTGGATTGAGAGACCAGCTGCAGAG
ACATCTTTGTGACCCAGGAGCACTGGTCCCTCATCTGCCACCGAGGCCAAGGAAGAC
CCAGAGACCTGCCTCACCAGTGTGCTGCCGTGTGCTGAAAGACAACCATGAATGCTGATTT
TCTGCTGCCGTATTATACGGCCAGAGTGGCTCCAGCATGAGCATGTTTCGACACCACCAT
GGGGAACTGCAGCGACAACGTACAAGGGGGAGTACGATATATTCAAGTATGCACCGAT
ATTTGAGAGCGACTTTATCCAGATCACCAAAAGGGGAGAAGTGATTGATGTGCACAACCG
TGTCCTGATGGTGACCATGGGCATTGCACGTACCAGCCCCATCTCCACTCCCAGATGT
CATGCTACTGGCAGCACCAGGCCACCGGCTGCGAAGAGTATGCTGGACATGGCCAGGCCAC
CAAGAGAAAAAACGCAAGGCAGCAAGAACTTAGAGCTACCAGGCTTCTGCCCTGAG
GTTTGTACGGATCTCTGTTCAAGACCATGAGAAACAACAGCTGCGCCTGAAGTTCGCCAC
TGGCAGATCTTGCTATCTGCAATTGTGTCCCGCTTTGACACACGGGATGACCTCTTTGC
CTATTGGGAAAACTAATTTACCTCTTGCAGGCCACCCATGGAGAGTAACAGCAGTACCTG
TGGCATTCCAGCTGAAGACATGATGTGGATGCCTGTGTTTCAGGAAGACAGGAGGAGCCT
GGGAGCCGTGAACCTTCAAGGAAAGGGGGATCAGGACCAGGTGAGCATCCAAAGCCTCCA
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AAATGACTTTAACAAACCACTAATGTGCTCAATGCATCCATCCCCAAAACATCTACAGA
ACTTGCTGAGGAGCCAGCAACAGGGGGGATTAAGAGGCAGCAGCAGCAGGGGAGCTGC
AGGGGCAGCAACAGGCACCGTAGCAGGTGCCTTGAGTGTGGCAGCAGCAATTCTGCCCC
TGGACAGGTGAGCGCAGCCATAGCTGGGCGGCCACCATCGATGCAGGAGGAAACAAGG
CAACATGGCCCTTGACAGGCACTGCCAGCATGGCTCCAAACAGCACGAAGGTGGCTGTGGC
AGGGGCTGCAGGCAAGTCTCAGAGCATGTTTCCAGCGCATCCATGAGCCTTTCCGAGA
GGGCAGTGTGAGCCTGGCCATTGCAGGAGTAGTACTGACCAGCAGGACAGCTGCAGAAGC
AGACATGGATGCAGCAGCGGGACCTCCCGTCTCCACCCGGCAGAGCAAGAGCAGCCTGAG
TGGACAGCATGGAAGGGAGCGAACCAGGCCAGCGCTGAAGGCTGCAAGGAGGGGAGGGA
AAGAAGGGAAAAGGACAGGGCTCTCGGAAGGAGTTCCCATCGCCGAGGACAGGTGAAAG
CCGCCACAAAACAAGGGGAGACAAGATTGCCAAAAGTCTCCAGCAGGTCTCATTTCAG
CCACAGAGCCAATAGAGATGACAAAAAGGAGAAAGGCTGTGGCAACCCGGGGAGCAGCAG
GCACAGGGACTCGCATAAAGGTGTGAGCCACACGCCCATCTCAAAGGAGTCCAGGACCTC
TCACAAATCTGGGAGGAGCTTATGGACCACCAAGTTCGGGTTCCAGCAAGGGACTTGGCAG
GGTCAGCTCTTTCCTGAGGAACGTGAGACCAACCTTACTACAAAAGTAGTGGGCACACC
ACATGGCAGAGATGTGGACGTGATGGCTAAGATGGCGGAGAGGAGCACCACGTGGCCAT
CGCCGAGACAGCAGAGGGTGGCCAGGGGCTGGAGATGGTTGGTTCTATGACACCGGACAT
CATGGAGACAGTGACCTTTGAAGCCATTAAATAAGACCCAGAGCTGGAAGCTGCAAAGG
AGCCCAGAGCTCATGGGAGTGTCCCTGGAAAGCCTATTCCAGCGTTCTTTACTGCCGTTT
AAATAAAGAATCATACATCTGAAAACAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_153606 unedited <pre> AGATGGGATTTGNAAACGACATTGNATAGGCGGCCGCATAAATTTCGTATAGCATACATTA TACTTTTTTTTGGATCAGGCCAAATGGGCCGAGCTCGAATTCGTGAGAGAGAGAGGGTC GTCACCTTCTGTCACTAGGACTACAGTTTGTAGTCTCTCTCAGGGAGAGAGACTACAAAC TGATGTTAAAAAATCAGAGGTGGAGGTCAGGGGGTTATTTTTCAGAAGAAAACCTCTCT GGAGCCGAGCCTGCATCTCTACTTTTTGTAAGAGTCTGGAGTCCAGGCACCCTACAGCAC CCCCACAGCAATCATCCGTGCTCCACCCCCACCCCGCCTCTGGGAGGCTCTGAGGCA ACAGTGGGGGCTGTGGGTGGGTGGGATTGAGAGACCAGCTGCAGAGACATCTTTGTG ACCCAGGAGCACCCTGGTCCCTCATCTGCCACCGAGGCCAAGGAAGACCCAGAGACCTG CCTCACCAGTGCTGCCGTTGTGCTGAAAGACAACCATGAATGCTGATTTTCTGCTGCCGT ATTATACGGCCCAGAGTGGCTCCAGCATGAGCATGTTTCGACACCACCATGGGGAACTGC AGCGACAAGTGTACAAGGGGGAGTACGATATATTCAAGTATGCACCGATATTTGAGAGCG ACTTTATCCAGATCACAAAAGGGGAGAAGTGATTGATGTGCACAACCGTGTCCGGATGG TGACCATGGGCATTGCAGTACCAGCCCCATCTCCCACTCCAGATGTCATGCTACTGG CACAACCGGCCACCGCTGCGAAGAGTATGCTGGACATGGCCAGGCCACCAAGAGAAAAA AACGCAGGGAACAAAAAATTAAGACTACCAGGCTGCTGGCCCTGAAGGTTGTACGGATC TCTGGTCAAGAACCTGAGAAC </pre>
Restriction Sites:	Please inquire
ACCN:	NM_153606
Insert Size:	2321 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:	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_153606.1</u> , <u>NP_705834.1</u>
RefSeq Size:	2321 bp
RefSeq ORF:	1785 bp
Locus ID:	149647
UniProt ID:	<u>Q8IYT1</u>
Cytogenetics:	1q32.3

Gene Summary:

This gene encodes a protein that interacts with the Rab2B small GTPase and may be important for integrity of the Golgi body. A knockdown of this gene induces fragmentation of the Golgi, similar to the effect seen with a knockdown of the Rab2B small GTPase. The encoded protein has an N-terminal Rab-binding domain specific for Rab2B. [provided by RefSeq, Feb 2017]