

Product datasheet for SC123587

FRMD4A (BC018891) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FRMD4A (BC018891) Human Untagged Clone
Tag:	Tag Free
Symbol:	FRMD4A
Synonyms:	bA295P9.4; CCAFCA; FRMD4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC018891 edited

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GGCACGAGGGTGGGGTCTCCCCATCCACGTGAAGCTGTGCTTTTGGATGCTCTGTAGCCA
CCCGGGGCCAGGAGGACTGACTCGGCAGCAGGATTTCGTGCATGGGAATCGGAGACCATG
GCAGTGCAGCTGGTGCCCGACTCAGCTCTCGGCCTGCTGATGATGGAGTCTCACTGTGTC
GTGCAGGCTGCAGGGCAGTGGTGCCATCTTGGATCACTGCAATCTCCAATCTCTGCTTCC
CGGGTTCAAGCGATTCTCTGCTTCATCCTCCTGAGTAGCTGGGGTTGCAGGATGATGCT
CATTCCAAGATTTTCTGTTTTATTTCTGTCTTTTGCAATCGTTGGCCTGCTTTGCTGCCA
TAAATGAGGGAATTGTGGCTAAGAGAGCAATCTGCCGGAAGCATCTCCTCATCCATCGGT
GGACACTAACCACAGCTATAACCGGGACAAGTAGAGACTGTCCAAGTCTCTGTCAAA
TTCACAACTTAGCTTGCCCTTAGGTGTGAATACAGACTGACCCAGGGCCGGAGGGGCTG
CTGTTGTGAGCCTTTCTGCTGGAGGGGCTAAGGACTCAGTTCCCTTTATCTAAGACAA
AACCGAATGGAGACAGTAAGAGCCCATCACACTCCACCTCCCTCCCTCACCTTCTTGCA
GAGCTGGTAGAGTGTAGTGGCCAAGAGCAGGTCCTCTGCGGTGTCACAATTGGAGACCTC
TTCTGAATCCATCCCTCACCAACTCAGTGACCAGAGCTGGTTACCCAACCTCTCAGTGCT
TCAGGTTTGGTTTGATGTTTTCAATCTCTAGAATGCAACAGTCGTAGAGTTGGTGAGAAG
ATTATGCAGCTGTGCTGAGGAAAGAGTAAGAGCTCAAACATGTCAGCTGTCAATCAAAATG
TCACTACAATGGCCTTTTTTCAAGTGTGATCCACTGCACCAAAATTACCTGAGGTGCTT
GTGACAAGGATCTTACAGATTCACTCTCCACGGAAGGTTCCAGAAGTGTTTTAGTGATCG
AGGCAGGGGCTCTACAGTCAGACAGACCACTTCAAATCTTACCTTGACCTTAGTTAG
ATCTGCGTGATGTGCAACAAGTTAATGCATTTAGCTTCTTGAGTCTTTGTTTCAATAAA
TTAAGACATTAATATCTAAAAAAAAAAAAAAAAAAAA
  
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC018891 unedited GTAACGTACANATTTTGTAAACGACTCATATAGGCGGCCGNAATTCGCACGAGGGTG GGGTCTCCCCATCCACGTGAAGCTGTGCTTTTGGATGCTCTGTAGCCACCCGGGGCCCAG GAGGACTGACTCGGCAGCAGGATTCTGTCATGGGAATCGGAGACCATGGCAGTGCAGCTG GTGCCCCGACTCAGCTCTCGGCCTGCTGATGATGGAGTCTCACTGTGTCGTGCAGGCTGCA GGGCAGTGGTGCCATCTTGGATCACTGCAATCTCCAATCTCTGCTTCCCGGGTTCAAGCG ATTCTCCTGCTTCATCCTCCTGAGTAGCTGGGGTTGCAGGATGATGCTCATTCCAAGATT TTCTGTTTTATTTCTGTCTTTTGAATCGTTGGCCTGCTTTGCTGCCATAAATGAGGGAA TTGTGGCTAAGAGAGCAATCTGCCGGAAGCATCTCCTCATCCATCGGTGGACACTAACCA CAGCTATAACCGGGACAAGTACAGACACTGTCCAAGTCTCTGTCAAATTCACAACCTTAG CTTGCCCTTAGGTGTGAATACAGACTGACCCAGGGCCGAGGGGCTGCTGTTGTGAGCC TTTCTGCTGGAGGGGCTAAGGACTCAGTTCCTTTATCTAAGACAAAACCGAATGGAG ACAGTAAGAGCCCATCACTCCACCCTCCCTCCCTCACCTTCTTGAGAGCTGGTAGAG TGTAGTGGCCAAGAGCAGGTCTCTGCGGTGTCACAATTGGAGACCTCTTCTGAATCCAT CCCTCACCAACTCAGTGACCAGAGCTGGTTACCCAACCTCTCAGTGCTTCAGGTTTGT TGATGTTTTCAATCTCTAGAATGCACAGTCGTAAGTGGTGAGAAGATATGCAGCTGTGC TGAGGAAAGAGTA
Restriction Sites:	Please inquire
ACCN:	BC018891
Insert Size:	1176 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:	BC018891.1 , AAH18891.1
RefSeq Size:	1176 bp
Locus ID:	55691
Cytogenetics:	10p13

Gene Summary:

This gene encodes a FERM domain-containing protein that regulates epithelial cell polarity. It connects ADP ribosylation factor 6 (ARF6) with the Par protein complex, which regulates the remodeling of adherens junctions and linear actin cable formation during epithelial cell polarization. Polymorphisms in this gene are associated with Alzheimer's disease, and also with nicotine dependence. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]