OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RN203131

Fam115e (NM_001009534) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam115e (NM_001009534) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam115e
Synonyms:	Eapa2; Tcaf3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>RN203131 representing NM_001009534
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAACAACTCCTGATGCTGCTTTTGAGGCCCTCATGAATGGAGTGACCAGTTGGAATCTTCCCAAAG
AACCCACTCCCAGTGAGCTTCTCCTTACTGGAGAGGCAGCCTTCCCAGTGATGGTGAATGACAAGGACCA
GGTGCTCATTGCTGCCTCTTTCTATGGCCACGGCCGCCTGGTGGTCCTGTCCCATGAGAGCTACCTGCTG
CATGCTGGCTTGGCTCCATTTCTTCTCAATGCAGTGAGCTGGCTCTGCCCCTCCCCGGAGGCTCCCATTG
CAGTGCATTCTTCCTTGGCATCATTAGTTAAAATCCTCGGGGACTCTGGGGTAAACGCAGTGGTTCAGCC
TGAACCTAGAGAGGCTCTTGGAGTTTATTGCATTGATGCCTACAGTGAAACCTTGACTGAGACGCTGATC
CGGTTCATGAAGAATGGAGGAGGCTTGCTAATTGGGGGCCAGGCTTTGACTTGGGCTGTTCACCATGGCC
ATGAAAAGGTGCTGTCCAGTTTTCCTGGAAACCAGGTGACAAGTGTGGCTGGAGTGTATTTCACAGATAT
CTCTGGGAATAGAGACTGGTTCAAGGTTTCTAAGGAGATACCCAATCTCACACTCTACGTCCAGTGCGAG
GATGAGCTCAAGTATGACCAGCAGCAGCTCCTGAAAGGGATGTCTGAGATGGACATTGAGACAGGGCCAG
TCCCCTCCCAGCTACTTGTGCATGGACAGCGAGCATTTCCCTTGGGAGTAGACAATTCATTCAACTGCTT
TCTTGCAGCTGCCCGCTTCGGCCGTGGTCGGGTGGTGCTGGCGGGGCATGAGAGTTTGATACTTAATCAA
ACTATGCTGCCGTTTGTACTCAATGCTTTGCGCTGGCTGATGGGGAATCAGACAGGCAGAATTGGGTTAG
CTTCAGAAATGAAAGCACTGAAGTCTGTGTTACCAAACAGCAGTTTCGAGTGGAGTGAAACAGAACTTCT
AACCAATGACTTGAGTGTGTTTTGCAGCTGCTCCTTGGGCAAAACAGATCCCAAGAAGGTAGAGGAATTT
GTTGCAGAAGGTGGAGGCTTGCTAATTGGTGCAGAGGCCTGGATGTGGGGCCGCAGGAACCCAGACTCTA
ACTGTATGACACAATACCCAAATAACATCATCCTTAAACGCTTTGGCGTTGGCATCATTAGCCAGGTGGT
CCAGCGGGGCCGTTTCCCAGTCCCCAATCCTGAGGTGATAAACTATCACATCCGTAGAGCCCTGTCTCAA
TATGAGTCCGTGATCCACAGCCAGGGTAGTAGCTTACAAGAGGGCTGGTTGAATAAGCTCTCACAAGATT
GTTTCTACATGTTTCAAATGACGCATCAGAGGATTTCCATCTACGATTCTGTGAAGGAACATGCCCTGAA
AATGATCCAAAGCCAGGGCTTCCCAAGTGTGACTGAGCAACACCCAATCACAAAGGGCAGCTCTCAGGCT
TTTCTGCTGTCCCTGGCTTATGAATTATTCAAATCCGGAGTTGACAGATCTCAGCTACTTCCCCCTCCCA
CCTTACTATCTCCTACGGAATCTCCAATGACTATTAAAATAAGCACAGGCAACGACAACTCCTGGGTAAG
CACAGGACTCTACTTACCTGAAGGGCAGGTTGCACAAGTAACACTTCCGACTGAAGCCACTCATGCCAAA
CTGAAGGTCCTCATTGGCTGCCACATAGACAACATAAGCCAAGCAAAAACTTACATCCGTCCTCCTGTGA
TGACCTATGTGTACCACTTAACTTCATCCCAGACGTCCATCTCCTGGCTCTATGGGGGCCTTCTTTACAT
CATGGTGCCCGACAAATACAATCAGGATAATGTGTCTGTCACCATCAGTGGAGCTGTGTCTGCTCCATAC
TTCAGACTGGGTAAGACGACCCAGGAGGAATGGAAGAATCTGATCGAACACAGCAAAGCTCCGTGGGGAG
AACTAGCCACAGACAATATCATCCTGACAATTCCAACAGTAAACCTCAAAGTCCTTCAGGACCCCTACCC
ACTGCTCCAACTCTGGGACAAGATAGTAAAGGCTGTAGCCAAACTGGCAGCCCGACCCTTCCCTTTCCAA
AGACCTGAGAGGATTGTACTTGACAAGCAGATTTCATTTGGTTTTCTTCATTCTGGATACCCAATTATGG
GCTTAATTATTATAGTGGAAGGCATCATTAATGAGTTCAAAATAAGGTCACATGGTGTTTGGGGTGTGAC
ACATGAACTGGGCCACAATCATCAGAAGCCTGGATGGACTTTTCGACCTCACACCACTGAAGCTTTGTGT
AATCTCTGGAGTATTTATGTGCACGAGACGGTTTTAAACATCCCCAGGGATCAAGCGCATCCTTCACTGA
ATCCCGAGCTTAGGAAGCAGAGAATCAAAGACCATCTGAACAAGGGAGCACCTCTGAGTAACTGGATTGT
ATGGACAGCTCTAGAAACTTATCTCCAGCTCCAGGAGGGGTTTGGGTGGGAGCCATTCATCCAGCTCTTT
GCTAACTACCAAACCCTCACTGGCCTTCCTCAAAACAATGAAGACAAGATGAATCTGTGGGTGAAGAAGT
TCTCTGAGGTTGTACAGAAGAATCTAGCCCCTTTCTTTAAAGCCTGGGGCTGGCCTGTCCAACATGCTGT
GGCCAAAAGCCTTGCCTCTTTGCCAGAGTGGCAGGAAAACCCCATGAAAATGTATACAGCCGAAAGTACA
GAACATACAGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

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ACCN:	NM_001009534
Insert Size:	2745 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:	NM_001009534.1, NP_001009534.1
RefSeq Size:	3145 bp
RefSeq ORF:	2745 bp
Locus ID:	494321
UniProt ID:	Q6P6V7
Cytogenetics:	4q24
Gene Summary:	May play a role in the regulation of the cation channel TRPM8 activity.[UniProtKB/Swiss-Prot Function]

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