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 SC323140

FAM115C (TCAF2) (NM_001130026) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM115C (TCAF2) (NM_001130026) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM115C
Synonyms:	FAM115C; FAM139A; GATD9
Vector:	pCMV6 series

Fully Sequenced ORF:

>NCBI ORF sequence for NM_001130026, the custom clone sequence may differ by one or more nucleotides

ATGGGGCCCTTCTTGCTCAATGCGGTGCGCTGGCTGGCCAGAGGCCAGACAGGCAAAGTT
GGGGTGAACACAAATCTAAAAGATCTGTGTCCTCTCCTATCGGAGCATGGCCTGCAATGC
AGCCTGGAGCCCCATCTGAACAGCGACTTGTGTGTCTACTGCTGCAAGGCGTACAGTGAC
AAGGAGGCTAAGCAGCTGCAGGAGTTTGTGGCTGAGGGTGGGGGGCTGCTGATTGGGGGC
CAGGCCTGGTGGTGGGCCTCCCAGAACCCTGGCCACTGCCCCTTGGCTGGCTTCCCTGGT
AACATCATCCTCAACTGCTTTGGCCTCAGCATCCTGCCTCAGACTCTCAAAGCAGGCTGC
TTCCCCGTTCCCACCCCTGAGATGAGAAGCTACCACTTCCGCAAGGCGCTCTCTCAATTC
CAGGCTATACTGAACCACGAGAATGGGAACTTGGAAAAGAGCTGTCTGGCAAAGTTGAGA
GTTGATGGTGCAGCCTTCCTACAGATTCCTGCGGAGGGGGTCCCTGCTTACATATCCCTG
CACAGGCTCCTGAGGAAGATGCTACGAGGGTCTGGCCTCCCAGCTGTGAGCCGGGAAAAT
CCAGTTGCCAGTGACTCCTATGAGGCTGCGGTGCTCTCCCTGGCCACTGGGCTGGCTCAC
TCTGGAACTGACTGCTCCCAGCTGGCCCAGGGGCTTGGCACCTGGACCTGCTCCTCCAGT
TTGTACCCCTCAAAACACCCCATCACCGTGGAGATCAATGGAATCAACCCAGGCAACAAT
GATTGCTGGGTGAGTACCGGGCTCTACCTCCTGGAAGGACAAAATGCAGAAGTCTCACTG
TCTGAAGCTGCTGCCTCTGCTGGCCTGAGGGTACAGATAGGCTGCCACACCGATGACCTT
ACCAAGGCCAGGAAGCTATCTCGAGCCCCCGTGGTGACTCACCAATGCTGGATGGACAGG
ACTGAGCGGTCAGTCTCCTGCCTCTGGGGCGGCCTCCTCTACGTCATCGTGCCCAAGGGC
AGCCAACTAGGCCCTGTGCCTGTCACTATCAGGGGAGCTGTGCCTGCCCCATACTACAAG
CTGGGTAAGACATCGCTGGAGGAGTGGAAGAGGCAGATGCAGGAGAACCTGGCTCCCTGG
GGAGAGCTGGCCACGGACAACATCATCCTGACAGTGCCAACCACAAACCTTCAGGCCCTG
AAGGACCCCGAGCCTGTGCTCCGCCTCTGGGATGAGATGATGCAGGCTGTGGCCAGGCTG
GCGGCTGAGCCCTTCCCTTTCCGCCGTCCTGAGAGGATTGTGGCTGATGTGCAGATCTCA
GCTGGCTGGATGCATTCAGGATACCCCATCATGTGCCACCTGGAGTCTGTGAAGGAGATC
ATCAATGAGATGGACATGAGGAGCAGGGGTGTGTGGGGCCCCATCCATGAGCTGGGCCAC
AACCAACAGCGGCATGGATGGGAGTTCCCCCCACACACTACTGAGGCCACCTGTAACCTT
TGGTCAGTCTACGTGCATGAAACAGTCCTGGGGATCCCCAGGGCTCAGGCCCACGAGGCT
CTGAGCCCTCCAGAGCGAGAGAGGAGAATCAAGGCCCACCTGGGAAAGGGAGCCCCCCTG
TGTGACTGGAATGTATGGACAGCCCTGGAAACATATCTACAGGTACTGAGCAGAAATTCT
GGGAGAAGGGGA

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Restriction Sites:	Please inquire
ACCN:	NM_001130026
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).
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:	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_001130026.1, NP_001123498.1
RefSeq Size:	2360 bp
RefSeq ORF:	1695 bp
Locus ID:	285966
UniProt ID:	A6NFQ2
Cytogenetics:	7q35
Gene Summary:	Isoform 2: Negatively regulates the plasma membrane cation channel TRPM8 activity. Involved in the recruitment of TRPM8 to the cell surface. Promotes prostate cancer cell migration stimulation in a TRPM8-dependent manner.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 5' and 3' UTRs, and 5' and 3' coding regions, compared to variant 1. The encoded isoform (B) has distinct N- and C-termini and is shorter than isoform A.

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