

Product datasheet for **SC102834**

FAM115C (TCAF2) (AK098041) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM115C (TCAF2) (AK098041) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM115C
Synonyms:	FAM115C; FAM139A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC102834 sequence for AK098041 edited (data generated by NextGen Sequencing)

ATGGGGCCCTTCTTGCTCAATGCGGTGCGCTGGCTGGCCAGAGGCCAGACAGGCAAAGTT
 GGGGTGAACACAAATCTAAAAGATCTGTGCTCTCCTATCGGAGCATGGCCTGCAATGC
 AGCCTGGAGCCCCATCTGAACAGCGACTTGTGTGCTACTGCTGCAAGGCGTACAGTGAC
 AAGGAGGCTAAGCAGCTGACAGGAGTTTGTGGCTGAGGGTGGGGGGCTGCTGATTGGGGG
 CAGGCCTGGTGGTGGGCTCCAGAACCTGGCCACTGCCCTTGGCTGGCTTCCCTGGT
 AACATCATCCTCAACTGCTTTGGCCTCAGCATCCTGCCTCAGACTCTCAAAGCAGGCTGC
 TTCCCCGTTCCACCCCTGAGATGAGAAGCTACCACTTCCGCAAGGCGCTCTCTCAATTC
 CAGGCTATACTGAACCACGAGAATGGGAACCTGGAAAAGAGCTGTCTGGCAAAGTTGAGA
 GTTGATGGTGCAGCCTTCTACAGATTCTGCGGAGGGGGTCCCTGCTTACATATCCCTG
 CACAGGCTCCTGAGGAAGATGCTACGAGGGTCTGGCCTCCAGCTGTGAGCCGGGAAAT
 CCAGTTGCCAGTGACTCCTATGAGGCTGCGGTGCTCTCCCTGGCCACTGGGCTGGCTCAC
 TCTGGAAGTACTGCTCCAGCTGGCCAGGGGCTTGGCACCTGGACCTGCTCTCCAGT
 TTGTACCCTCAAACACCCCATCACCGTGGAGATCAATGGAATCAACCCAGGCAACAAT
 GATTGCTGGGTGAGTACCGGGCTCTACCTCCTGGAAGGACAAAATGCAGAAGTCTCACTG
 TCTGAAGCTGCTGCCTCTGCTGGCTGAGGGTACAGATTGGCTGCCACACCGATGACCTT
 ACCAAGGCCAGGAAGCTATCTCGAGCCCCATGGTGACTACCAATGCTGGATGGACAGG
 ACTGAGCGGTGCTCTCTGCCTCTGGGCGGCCCTCCTTACGTCATCGTGCCCAAGGGC
 AGCCAAGTAGGCCTGTGCCTGTCACTATCAGGGGAGCTGTGCCTGCCCATACTACAAG
 CTGGGTAAACATCGCTGGAGGAGTGAAGAGGAGATGCAGGAGAACCTGGCTCCCTGG
 GGAGAGCTGGCCACGGACAACATCATCTGACAGTGCCAAACACAACCTTCAGGCCCTG
 AAGGACCCGAGCCTGTGCTCCGCTCTGGGATGAGATGATGCAGGCTGTGGCCAGGCTG
 GCGGCTGAGCCTTCCCTTTCCGCGTCTGAGAGGATTGTGGCTGATGTGCAGATCTCA
 GCTGGCTGGATGCATTACAGGATACCCCATCATGTGCCACCTGGAGTCTGTGAAGGAGATC
 ATCAATGAGATGGACATGAGGAGCAGGGGTGTGTGGGGCCCCATCCATGAGCTGGGCCAC
 AACCAACAGCGGCATGGATGGGAGTTCCCCCACACACTACTGAGGCCACCTGTAACTT
 TGGTCAGTCTACGTGCATGAAACAGTCTGGGGATCCCCAGGGCTCAGGCCACGAGGCT
 CTGAGCCCTCCAGAGCGAGAGAGGAGAATCAAGGCCACCTGGGAAAGGAGCCCCCTG
 TGTGACTGGAATGTATGGACAGCCCTGGAACATATCTACAGGTACTGAGCAGAAATTCT
 GGGAGAAGGGGATGA

Clone variation with respect to AK098041.1
 879 a=>t;931 g=>a;1578 g=>a

5' Read Nucleotide Sequence: >OriGene 5' read for AK098041 unedited

GGGGTTCAAATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGGCAGAG
 CCTGTCCGTCACTCCCTAGGTATCCGCACTGCTCAGGGGTATGGGAGGATGTCAGGCAG
 GACCAGCAGCAGCTCCTGGAGGGGATCTCAGAGCTGGACATCAGGACAGGGGAGTCCCC
 TCACAGCTGCTTGATACATGGAGCCCTGGCCTTCCCTCTGGGGCTGGATGCCTCACTCAAC
 TGCTTCTGGCGGCTGCTCACTATGGCCGGGGCCGGGTGGTCTGGCTGCCACGAGTGC
 CTGCTCTGTGCTCCCAAGATGGGCCCCCTTCTGCTCAATGCGGTGCGCTGGCTGGCCAGA
 GGCCAGACAGGCAAAGTTGGGTGAACACAAATCTAAAAGATCTGTGCTCTCCTATCG
 GAGCATGGCCTGCAATGCAGCCTGGAGCCCCATCTGAACAGCGACTTGTGTGCTACTGC
 TGCAAGGCGTACAGTGACAAGGAGGCTAAGCAGCTGCAGGAGTTTGTGGCTGAGGGTGGG
 GGCTGCTGATTGGGGCCAGGCTGGTGGTGGGCTCCAGAACCTGGCCACTGCCCC
 TTGGCTGGCTTCCCTGGTAACATCATCCTCAACTGCTTTGGCCTCAGCATCCTGCCTCAG
 ACTCTCAAAGCANGCTGCTTCCCCGTTCCACCCCTGAGATGAGAAGCTACCACTTCCGC
 AAGGCGCTCTCTCAATTCGAAGCTATACTGAACCACGAGAATGGGAACCTGGAAAAGAGCT
 GTCTGGCCAAGTTGAGAGTTGATGGTGCAGNCCTTCTACAGATTCTGCGNAGGGGGTCCC
 TGCTTACATATTCCTGCACAGGCTCCCTGAGAGATGCTACNAGGTCTTGGCCTCCCACTG
 TGAGCCGGGAA

3' Read Nucleotide Sequence:	>OriGene 3' read for AK098041 unedited <pre> CATCTATGNNACCGCGGCCGAATCTAGNGATCGGTTTTTTTTTTTTTTTGGACCATT TATGGAACACTTATTAGGAGACCAANAACAAAACCAATGAGGGCAAGAGCTGTGATTGAG CTGCAGGAATGTCTAACAGAGTTTCTGCCCTTGAATAATATGCTATTTTCTATTTTTTT CATAATATTTTTCATTTCTCTTACATTGCAAAATCAGAAGGTGAGTGAGACAGGTGCCA TTCTCTCTGCCTTAGAGGGGTATAACCCAAGAAGCACCACCCTGCGGCCAGTCCCTCTC ATTTCCAGGGGAGGTGGAGGTCCAGGCTGGTGGAGTGGCGAAGGAGGTGGAGGGCTACTG GGATCCAGGTGCTACATGACTGAGGGGTCTGGTCATCCCTTCTCCAGAATTTCTGCT CAGTACCTGTAGATATGTTTCCAGGGCTGTCCATACATTCCAGTCACACAGGGGGCTCC CTTTCCAGGTGGGCCTTGATTCTCTCTCTCGCTCTGGAGGGCTCAGAGCCTCGTGGGC CTGAGCCTGGGGATCCCCAAGACTGTTTCATGCACGTAGACTGACCAAAGGTTACAGGT GGCCTCAGTAGTGTGGGGGGGACTNCCATCCATGCCCTGTTGGTTGTGGCCCAACTC ATGGATGGGGCCCCACACCCCCTGGTGTCTCATGTCCACCTCATTGAGGATCCTCTCA CAGACTTCAGGTGGCCCATGAAGGGGTATCCTGAATGCCTCCAGCCCGTGAAAATCTC ACATTACCCACAATCTTTTAAGACCGCGGGAAGGGAAGGGTTAACCCCCAGCCGGG CCCAAACCTGGATTTATTCTTTCAAAGCGGGACCCAGGCTCGGGGCCCTTCAGGCCCT GAAGGGTTGGGTTTGACTGTGAGAAAATTTTTTCCCGGCCCT </pre>
Restriction Sites:	NotI-NotI
ACCN:	AK098041
Insert Size:	2250 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:	AK098041.1 , BAC05220.1
RefSeq Size:	2332 bp
RefSeq ORF:	1695 bp
Locus ID:	285966
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]