

Product datasheet for **MC222617**

Tcaf3 (NM_203396) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tcaf3 (NM_203396) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tcaf3
Synonyms:	Eapa2; Fam115e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222617 representing NM_203396
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCAACAACCCCTGATGCTGCTTTTGAGACCCTCATGAATGGAGTGACCAGCTGGGATCTTCCAAAG
 AACCCATTCCCAGTGAACCTTCTCCTTACTGGGGAGTCAGCCTTCCCAGTGATGGTGAATGACAAGGGCCA
 GGTGCTCATTGCTGCCTTCTCTATGGACAAGGCCGCTGGTGGTCGATCCCATGAGAGCTACCTGCTG
 CACGATGGCTTGGTTCCATTTCTCTCAATGTGGTGAAATGGCTCTGCCCTGCCAGGGGCTCCCATAG
 CGGTGCATTCTCCTTAGCATCATTAGTTAACATCCTAGGTGATTCTGGGATAAATGCCTTGGTTCAGCC
 TGAGCCTGGAGAGGCTCTGGGAGTTTATTGCATTGATGCCTACAATGATGCCTTGACTGAGAAGCTGATC
 CAATTCCTGAAGAATGGAGGAGTTTGTAAATGGAGGCCAGGCTTGAATGGGCTGCTACCATTGGCC
 ATGATAAAGTGTATCCATTTTCTGGAACCAGGTGACAAGTGTGGCTGGAGTATATTTCACTGATAT
 CTCTGCGAATAGAGACTGGTTCAAGTTTCTAAGGAGATACCCAATCTCAGACTCTATGTCCAGTGTGAG
 GATGAGCTCGAGGACGACCAGCAGCAGCTCTGAAAGGGATGTCTGAGATATACATCGAGGCGGGTGTAA
 TCCCTCCAGCTGCTTGTGCATGGACAGCGGGCATTTCCTTGGGAGTAGACAATTCACCAATTGCTT
 TCTTGAGCTGCCCGCTATGGCCGTGGTCGGTGGTGGTGGGGGAAATGAGAGTCTCATACTTAATCAA
 ACTATGCTGCCATTTGTGCTTAATGCTTACACTGGCTGATGGGGAACCAGACAGGCAGAATGGGTTAG
 CTTGAGATGAAAGTACTGAAGTCTATGTTACCAAACAGCAGTTTCCAGTGGAGTGAATCAGAATCTT
 AACCAAGTACTGAGCGTGTGGTGTGCTCACTCGCCAATATAGATCCGAGGAGGTAGAGGAATTT
 GTTGCAGAAGGTGGAGGCTTGTAAATGGTGCAGAGGCTGGTCGTGGGGCCGAGGAATCCATACTCTA
 GCTGTATGACTCAATACCCAGATAACATCGTCTTAAAGCGCTTTGGCTTGGTATCACTAGCCATGTGGC
 CCAGCGAGGCAGTTTCCATTCCTCAATCTGAAGGGACAAACTATCACTTTCGGAGAGCCCTGTCTCAA
 TTTGAGTCCGTGATCTACAGCCGGGGAGTAGCTTACACGAGAGCTGGCTGAATAAGCTCTCACAAGATT
 GTTCTACATGTTTCAAATGACCCATCAGAGGATTTCCATCTACGACTCTGTGAAGAAACATGCTCTGAA
 AATGATCCAAAGCAAGGACTTTCCAAGTGTGACTGAACAATACCCGATCGCAAGGGGAGCTCACAGGCT
 TTTCTTATCCCTGGCTTATGAATTATCAAATCCGGAGTTGACAGATCTCAGTACTTCCCCCTCCCG
 CCTACTACCTCTACAGAATCTCCAATAACCATAAAAATAAGCACAGACAATGACAACCTCTGGGTGAG
 CACTGGACTGTACTTACCTGAAGGGCAGGTTGCACAAGTATTACTTCCCAGTGAAGCTACTCATGCCAAG
 CTGAAGGTCTCATTGGCTGCCACAGGACAACATAAGCCAAGCAAGAATTACTTCCGTCGCCCTGTGA
 TGACCTATGTGTACCCTTAACCTCATCCAGACATCCATCTCCTGGCTCTATGGGGCCTTCTCTACAT
 CATGGTCCCCAACAAATATAATCAGGATAATGTGTCTGTACCATCCGTGGGGCTGTATCTGCTCCATAC
 TTCAGGCTGGGTAAGACGACCCAGGAGGAATGGAAGAATCTTATCACACAGCAAAGCTCCGTGGGGAG
 AACTAGCCACAGACAATATCATCCTGACAATCCAACGGTAAACCTCAAGGAGCTTCCAGACCCCTATCC
 ACTGCTCCAACCTGGGACAAGATGGTAAGGGCTGTAGCCAAGCTGGCAGCCCGGCCCTTCCCTTTTCAG
 AGAGCTGAGAGGGTCTACTTGACAAGCAGATTTATTTCGGTTTCTTTCATTCTGGATACCCCATCATGG
 GCCTAATTAGTATAGTAGAAGGCATCATCAGCGAGTTCAAATAAGATCATATGGCATTGGGGTGTGAT
 ACATGAAGTGGCCACAACCATCAGAAGTCTGGATGGACTTTTCCACCTCACACCACCAAGCTTTGTGC
 AATCTCTGGACTATTTATGTGCATGAGACAGTTTTAAACATCCCCAGGGAGCAAGCCATCTTCTCTGA
 ATCCTGAGCTTAGGAGGAGAGGATCAAATACCACCTGAACAAGGGAGCACCTCTGAGCAACTGGATTAT
 GTGGACAGCTCTAGAACTTATCTCCAGCTCCAGGAGGGCTTTGGGTGGGAGCCATTATCCAGGCTTTT
 GCTGACTACCGAACCTCTCTGGCTTCTCTCAAAACAATGAAGACAAGATGAATCTGTGGGTGAAGAAGT
 TCTCTGAGGCTGTGCATAAGAATCTGGCACCTTTCTTTGAAGCCTGGGGCTGGCCTGTCAAATATGCTGT
 GGCTAAAAGCCTAGCCTTTTCCAGAGTGGCAGGAAAACCCCATGAAAAGGTATACAGCTGAAGGTACA
 GAAGGCAGAGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_203396
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:	<ol style="list-style-type: none">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_203396.1 , NP_981933.1
RefSeq Size:	3110 bp
RefSeq ORF:	2745 bp
Locus ID:	403088
UniProt ID:	Q6QR59
Cytogenetics:	6 B2.1
Gene Summary:	May play a role in the regulation of the cation channel TRPM8 activity.[UniProtKB/Swiss-Prot Function]