

Product datasheet for **MC204551**

Tmem63a (NM_144794) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem63a (NM_144794) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem63a
Synonyms:	BC014795; Tmem64a
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC019442
 CTGACCACTCCCCGGGCGCGCGCGCCGCGCCGCGCCGCGAGGGAGAGAAGGCACAATGACCAGCTCCCC
 GTTCTGGATCCCTGGCCGTCCAAGGCTGTGTTTGTCCGTGAGCGCCTGGGTCTTGGCGAACGTCCCAAT
 GACTCCTATTGCTACAACCTCAGCAAAAACAGCACTGTGCTCCAAGGGGTACCTTTGGAGGCATCCCCA
 CTGTCCTGCTCTTAGATGTCAGTTGCTTTCTGTTTCTAATCCTGGTGTTCATCATAAAGGAGAAGATT
 CTGGGATTATGGCCGCATAGCCCTGGTATCAGAAGCAGGCAGTGAGGCCAGGTTCCAGAGACTGTCCTCT
 TCCTCCTCAGGGCAACAAGACTTTGAAAACGAGCTGGGATGCTGTCTTTGGCTGACGGCCATCTCCGCC
 TGCCATGACGACCAGATCCTGGAGTGGTGCAGAGAGGACGCCATCCACTACCTGTCTTTTCAGAGGCACAT
 CATCTTCTGCTGGTGGTGATCAGCTTCTGTCCCTGTGTGCATCTTGCTGTCAAACCTCTCGGGAGAC
 TTGCTGGGTAAAGACCCTTACAGCTTTGGGAGGACAACGATAGCTAACCTGCAGACTGACAATGACCTCC
 TCTGGCTGCACACTGTCTTACAGCTCATCTACCTTCTCAGCGTGGGCTTTCATGTGGCATCACACAG
 GTCCATCAGATACAAAGAGGAGAGTCTGGTGAGACAAACCTTGTTCATCACAGGACTCCCCAGAGAAGCC
 AGAAAGGAGACTGTGGAGAGCCACTTCCGAGATGCGTATCCCACGTGTGAGGTGGTGGATGTCCAGCTGT
 GCTACAGCGTGGTAAGCTGATCTACCTGTGCAAAGAGAGAAAAGACCAGAGAAGGCCTTACCTATTA
 CACAAACCTGCAGGCGAAGACAGGCCGACGGACCCTCATCAACCCCAAGCCTTGTGGCCAGTTCTGTGTC
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 AGGGGAAAACCGGATCATGGTGTGCGAAGGTCTACATAATTTTTGATCTTTCATGGTGTCTGCTGCCCTCC
 CTCGGTCTCACCAGCTTGGATTTCTTCTCCGGTGGCTCTTTGACAAAACCTCCTCGAAAACCTCAATCA
 GGCTAGAGTGTGCTTCTGCGCAGACCAGGGTGCCTTCTTTGTGAACTACGTATCGCCTCAGCCTTCAT
 CGGCAGTGGCATGGAGCTGTTGCGCCTGCCCGCCTCATCCTCTATACCTTCCGCATGATCATGGCCAAG
 ACGGCCGCTGACCGCAGGAATGTTAAGCAGAACCAGGCTTTTGAATACGAGTTTGGAGCCATGATGCGT
 GGATGTGTGTCTTACCCTCATCATGGCTTACAGCATCACCTGCCCATTTATCGTGCCTTTGGCCT
 CATCTACATCCTGCTTAAGCACATGGTGGACCGGCATAACCTCTACTTCGCTTACCTCCCGCTAAACTG
 GAGAAGAGGATCCACTTCCCGCGTGAACCAGGCCCTGGCCGCCCATCCTCTGCCTTCTCTGGCTCT
 TCTTTTTCTCCTCCTCGTCTGGTCTGACGGCCCCGGCCACGCTCTTACCTTCTGGTGTCTGTCTGCT
 CACCATCCTGGCCTGCCTGCTGTACACCTGCTTTGGATGCTTCAAGCACCTCAGCCCATGGAACACAAG
 ACAGAAGAATCAGCTAGTGACAAAGGAAGCGAAGCCGAGGCCACGTGCCCCCGCCATTACACCCTATG
 TGCCTCGGATTCTGAACGGTTTGGCCTCAGAGAGGACAGCGTTATCCCCACAGCAGCAGACACTACGG
 TGCCATCCGTAACATCAGTGGGACTCTTCTGGCAGCCCGTGGCTCAAGATCCTAGTGGCACTGCGGCT
 TATGCCTACCAGGAATCCTGAGAGTGGACAAGCTGGTCTGGCAGGCTGGGAGCATCTAGGAATACCGAGG
 GACACAAGGGGCTAGAGCCCCAGACAGGCTCTTGGGGTTTTGCTGCTTAAAACCCCGTATTGTGAGAA
 GAGGAAAACCGGGTCTGTTGGGCTCTGGTAACCGGGCTGAGGGTATCCATCCGGTGGGGCTGCTGTCC
 CTGGGAGCCATCTGTAAGGTTTTCTTTCTGGTCCAGTGTGGGAACATTTACAGCTCCCTCTTGTGGTC
 ATCTGAGGATATGCATTTTATCCCCATACTGCTCAGGATGCTCTGTAGTGAGCATGGTGTATG
 TCCCTAGTGGTTTGTGGCCAAGATCATGTGTTGGGCTTTTGCCTTTAGGGAGATCATATTTGGGACTTT
 TGGTTGATGGGGAGATGCGTCCAGGAAAGACTTAGTCCCTTTGAGCCCTGGAACACTGCTTAGCCTTTTG
 CAAGCTGATGAATAGCGCATCAGTTGGGTTTGGATGGAGCCATGTGGGGCCCTACAGTACTGCCTGC
 CTGCAGTCCCTTTTCCAGGATCCATGGATTAGCTGTAGGGACCGGGAATACCTTGTCTTGTGATGGC
 AGCAGGGCAGCAGGCTCATGCCACTGGTTTGTAGCTGCCTCCTGCTGTGTTCCGGGTTTTTGTATCAT
 GTTGCCTGAATCTGGGCTGTGACTGGGTAACCCACAGCAGGTGGGGACATGAGAACCATTAATAAAGTA
 CCCACTGGGCTGGTGGTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_144794

Insert Size:	2415 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:	BC019442 , AAH19442
RefSeq Size:	3266 bp
RefSeq ORF:	2415 bp
Locus ID:	208795
UniProt ID:	Q91YT8
Cytogenetics:	1 H4
Gene Summary:	Acts as an osmosensitive calcium-permeable cation channel.[UniProtKB/Swiss-Prot Function]