

Product datasheet for **MC223596**

Tmem132c (NM_175432) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem132c (NM_175432) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tmem132c
Synonyms: 2810482M11Rik; 3230401P16; 4632425D07Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223596 representing NM_175432
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGATGGCGTGACAGCGGCCACGATGCGCTCCGAGGGCGGGCCCGAGGCGGGCGCGCGGTACGGG
CGCTGAGCCTGGTCTAGCCACGCTACTGGCCAAGTGACCGAAAGCCGAGGGGTATGGATAATATACA
GAGATTCTTTCATTGCGCCGTACCTGCCGTGAGCTTCCACGTCCTCAGAGCCGAGACTGCATTCTTC
CTAAAGGAGGCCAACCCGACCCGCTGCCGAATGCCAGCCTGCAGTCCAGGGTGGAGTCTTCTTCACT
ACAAGGCCAGCAGCCCCGGTATTAACGTCAGCTATGGGCCTTACTCTGCAGAAAAGGTCATCCCTCT
GGACTTGATGTTGAACCCCAACTTTTTAGGCCAACCAAGTAAGTTTCCCTTTGACTGGAGGCTGAAGGCC
TACATCCTTCAAGAGAAAGTCTACCTGAGCCATCCCAAAGTACAGGTGCTCTTCCACATCGTGGCCGAG
ACTGGGATGACCACAGGGACGAGAACTGCCCTGCCTGCGGGTCTTTGCGTTCAGAGACAGCCGGGAGGT
TCGAGGCAGCTGTCGTCTGGGTGGGCCCTGGGACTGTGCGTGGCCAGCTGGAGATGCTGCCTGGCTGG
TTCAGTCCCCAGCGGTTGTATCTGGGCGCAGGAGGCCAGCAGAGCGGCCAGAGGGGAGTCCGGTGGAA
TGTATTATGCTGTACAGCCAGGGGACGAGCGTGGTGACTGCACTGGAGGTGACACCAGGAAGACAATGC
TATTCGTCAGGAAAGGATGGACAGGAGGCAGGACATCCACCTACAGAAGATTGGCACCATTAGCCTT
TACCGCGCCAGGACAGCACCCAGCTCAGCGAACTGCGCCTGGATGGCAATGTGGTCATCTGGCTGCCCT
CCCAGCCCGTCAAGCAGGGAGACATAGTACCAGCATCTGTACCATCGCCAATAACTCTACTGTGGACCA
TTTCATCCTAAGAGCCAAGGTGAAGAAGGGGTGAACATCCTGACCGTGCAGACCAGCGAGCCTCGGCAG
TGGGATGTGAGGCAAGAGGTGGGCAATGGAGGGAAGCACACCACCTCGGTGGCTGCCAGCGCCTGG
GCCCTGGGACAGAAATAGGAGCAGCAATTTATTCAGCGAGGTGATGCAGATGAATTTGAAATCGCCAG
CTTCAGCAGCCTCTCGGGACACAGCCTATCACATGGCAGGTGGAGTACCCGAGGAAGGGGGCCACGGAC
ATTGCTGTGTCGGAGATTTTCATCAGCCAGAAGGACCTAGTTGCCATCGTCCCCCTTGTATGGACTGT
AACTCCTGAACACAGCCATCCTCACAGGGAAGACGGTGGCCATGCCTGTGAGGGTGGTGTGGTGAAGA
GAATAGCACCCCTGAGGGACATCTCGGAGTTGGTGGAGTGAAGGCCACAGACGAGAAATGTCATCAAGGTC
TCGGACCACTGTGACTATGTCTTTGTCAATGGTAAAGAGATCAAGGGCAAGATGGACTCTGTGGTGAAC



TCACCTACCAGCACCTGAGCGCACCGCTGCATGTCACTGTGTGGGTGCCACGGCTTCCCCTGCAGATCGA
 GGTCTCTGACACAGAACTCAGCCAGGTTAAGGGCTGGAGAGTCCCCATCGTGGCCAGCAAGAGGCCCACT
 CCGGACAGTGAGGAGGAAGAAGAGGAAGAACAAGGAGGCGGGTGTACCCTGCAGTTCAGCATGCCA
 CAGTGCAGCTCCTCACCAATTTGTATCAGAGGGTGTGGGCCCTGGGGCCAGCTGAGCCACCTTCTCAG
 TCCAGATGGCAGTTTGACATCACCCACCTGGTGGCTGACTTTATGAAGTGGAGTCCCCACACATAGCC
 ACCCTGCAGGACAGCAGGGTCTTGGTTGGCGGGAAGTCCGAATGACCACCATCCAGGTGTGTCTCCCC
 TGTCGACTCCATCTTGGCCGAGAAGACAGTAAGTGTGCTGGATGACAAAGTATCTGTGACAGACTTGC
 TGTCCAGGTGGTGGCTGGGCTGTCTGTACCCTACACCCATCTCAGAGAAACAAGGCCACCTCAGCT
 GTGGCCATGGCAGAAGAGCTGCTACGTGCCCAAAAAAGGAAGCTATAATCAGCACATGGCTCCAGTTCA
 GTGATGGCTCAGTGACACCCCTGGATATCTACGACTCCAAGGACTTCTCCTTGACTGCCATCTCTTTGGA
 CGAGGCTGTCTGTCCATCCCCAACCCCTCTCGCCTTGGTGGCCACCGTGGTAGCTGAAGGAGAAGGC
 CAGGGCCCACTGCTCCGGTTCGATATGTCCATTGCCGAAGCCTGTGAGAAATCCAAGCGCAAGAGTGTGC
 TGGCTGTTGGCATTGGCCACGTGGGGTCAAGTTTGGATGGGATGACGCTGACTCCAGCCAGACTGGAGA
 AAAGGATGAGGAGGAGATCAAGAACCATGCCAGTGACCGTGGCAGAAGATTGAGGACCTGGAACGCCCA
 GGCCAGGATGAACTATACCATGGCAACTTCTGGGGATCGTGAAGAAGGAGCGCTGAGTGTACCACCA
 CTACCAAGTCCCTGCTGGATAACAACGTGGGGAAGAGTGGCAGGCGGGACGGGGCTAGGCTACACAGCAT
 ACCCATGACTTCACCAATTTCCCGGCCATGTGGACCTCCCCAAGGCCAAGACCAGGGGCACACTGGAG
 GAGAATGGTCTCATGCAGACAGCCATGGCCTGAGTGACCTAGAGATTGGGATGTATGCCCTCTAGGTG
 TCTTCTGCCTGGCCATCCTTGTCTTTCTCATTAACTGCGCCACCTTTGCCTTCAAGTACAGGCACAAACA
 GGTGCCTCTGGAAGGCCAGGCATCCATGACCCACTCTCATGACTGGGTCTGGCTGGGCAATGAGGCGGAG
 CTCTTGGAGAACATTGGGACCTGTCCCCACCCAGGATGAGCACAGCACCATCATAGACCGAGGGCTGG
 GGGCTGTGAGGAGAACAACCACTTACTTCTCAACGGTGGTCCCAAAAGCCACGCAGAGCCAGGTTCA
 CAGGCCGCCAGGCTCCGGGGACGGCAGACCAGGAGCCAGGCAGGAGCCTGCAAACTACCCACCTCC
 AAGATGAAGAAGTCAAGTTTGCCACATTACCATCCACCTGAGGAAAGCTGCCCCAGGTGAACTCCA
 TCCTCAGTGGGAAGATGATATCAAGTGGTGTCAAGACTGGACGTGGGCGCACCAAGGAAGTCAAG
 AACCTACCTGGAGAAATCCAAGACAGTGTG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_175432
- Insert Size:** 3324 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_175432.3](#), [NP_780641.2](#)

RefSeq Size: 5113 bp
RefSeq ORF: 3324 bp
Locus ID: 208213
UniProt ID: Q8CEF9
Cytogenetics: 5 G1.2