

Product datasheet for **MC222977**

Tmem132e (NM_023438) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem132e (NM_023438) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem132e
Synonyms:	Gm644
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC222977 representing NM_023438 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCCCAGGGATGTCGGGCCCGCGGGCCGCCCTACTCTGCCTCTCTGTGCTGCTCGCCCACGCCG
CCAGCCGCTCTCATCCGGCCAGCCCTAGTCCCCGGGAAGCTCAGGCTAGCCCTATACTACCGTTAGCTA
CCGCTGTGCGACACCCGGCTAGCCTTCTTCTAAAGGAAGCGCGCCACTGACGCCGCGAGCGATCAAC
GGCTCCCTACAGCGCTCGGAGCCCTTCGTGGTGTCCAAACCAAGGAGTTGCCGGTCTCAACGTGTCCC
TGGGGCCCTTCAGCACCAGCCAGGTGGTGGCACGGGAGCTTTTGCAGCCGTCCAGCACCTGGACATCCC
CGAGCGCTTGACGGTTAACTGGAAGTGCAGCCCTTCATCGTGCAGCGCCGTGTGCCCGCTTCGAGCCC
GTAGCACAGGTGCTTTTCTATGTGGCCGGCCGACTGGGACGACTTCGGGGTACCCGAGAGGCTGCCCT
GTGTCCGCTGCATGCCTTCCGCGATGCACGGGAGCACCCACTGCTGCGCATCGGCAGCATCAGTCTGTT
CCGGCCCGCCGCGCAGGGCCGTGAGGAGCAGAGGCTAGACAGCAACCTGATGATCCGCTGCCCGAC
CGGCCACTCAGGCTGGAGAGTACTCAGTATCCTCCTACCTGGCACCTAACTCCTCAGTGCCA
GCCCCAGCGTGGAGCACTTACACTTAGGGTAAAAGCAAGAAGGGTGTGACCCTTAGGCACCAAGTC
TCGAAGTGGCCAGTGGCGTGTGACTTCAGAGCTGCTAACTGGGGCAAAGCATTCAACAGCCACTGTGGAT
GTGGCCTGGGCCCTGGACACCCCTACCCCTTGGGAGGGTCAAGGACCCTGGAGATCCTGCAGCTAG
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ATCTTGCTCTAGCCATGGACACAGAGATCATCAACTGCCATCCTGACGGGGAGGACTGTAGCCATTC
CCGTCAAGGTCATTGCTATCGAGGTGACTGGCCTTGTCTGGATGTTTCTGACCTAGTGGAGTGCCAGTC
TCACAGTGAGGACATCATCAAGGTGTCCAGCAGCTGTGACTATGTGTTTGAAGCGGGAAGGAGTCTCGA
GGGTCCATGAACGCCAGAGTCACCTTCCGCTATGATGTCCTCAGTGCCCCCTGGAAATGACAGTCTGGG
TCCCCAAGCTACCTCTGCACATCGAGCTCTCAGATGCTCGCTCAGCCAAGTGAAGGGATGGAGGGTGCC
TATCTTCCCACAGAAGTTCAGCTCGAGAGAGTGAAGATGAGGAGGAAGAGGAAGAGGAACGAAGACAG



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AGTGCCAACAGAGGCTGTACCTTGAATACCAGCATGCCACCCTGCAGGTCTTCACCCAGTTCACACAA
CGTCCTCTGAGGGCACTGACCAGGTGGTCACCATGTTGGGCCCGACTGGCTGGTGAAGTCACTGACCT
GGTTAGTGACTTCATGAGGGTGGGTGACCCCGAGTGGCCACCTGGTGGACAGCAACACTGGCAGGA
CTGGAGCCAGGCACCACTCCCTTCAAGGTGGTATCCCCCTGACTGAGGCTGTGTTGGGGGAGACATTGC
TGACGGTGACGGAGGAGAAGGTCAGTATCACACAGCTGCAGGCCAGGTGGTGGCCAGTCTCACCTTGTC
CCTGCGGCCAGCCCTGGGAGCAGCCACACCATCCTGGCCACCACAGCTGCACAGCCACCCTCAGCCTT
GTCAAGCAGGAAGCCCTGCTGAGTCTGTGGCTCTCCTACAGTGATGGAACCACAGCCCGCTCTCTGT
ACAGTCCCAGGACTACGGGCTTTTGGTGAGCAGCCTGGATGAGCGGGTGGCCACTGTGACCCAGGACAA
GGCTTCCCGCTGGTGGTGGCCGAGGCAGAGGGTCCAGGAGATCTGCTCCGTGCAGAGCTCACCATCTCC
GAGAGCTGTCAGAAAACCAAGCGCAAGAGTGTGCTGGCTACTACTCCTGTGAGCCTGCGGGTACACTTTG
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CGAAGCCCGGGGAGCTGGTCCACCCGGCACTGCCATTCCCCTGGTGAAGTCCCTGGATTGGCACTGCC
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CTGCATCGTGTGCTGCGATACAGGCACAAGCGCATCCCTCCGAGGGCCAGACCAGTATGGACCAT
TCTCACCACTGGGTGTTCTGGCAACGGCAGCCACTGCGGGTCAAGGTGAGCTGTGCGCCGCTGCAG
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CGTCCAGAGCCAGGTGCACGGCCGTGGGGATGGCTCCTCTGGGGCTCGGCCAGGGACCAGCAGGAGGAC
CCTGCTAGCTCGCCACTTCTAAGCGCAAAGGGTCAAGTTCACGACCTTACCCTCTGCCACGGAGG
AGCTGGCTTATGACTCAGTGCCTGCTGGCGAAGAGGAGGACGAGGAAGAGGACCTAGGTTGGGGTTGTCC
AGATGTTGCTGGAACCACGGGCCACTCCGCTCCGGACCTGCACAATTATATGCGCAGAATCAAAGAC
ATTGCATAG
    
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_023438

Insert Size:

2949 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_023438.2](#), [NP_075927.2](#)
RefSeq Size:

4105 bp

RefSeq ORF:

2949 bp

Locus ID: 270893
Cytogenetics: 11 C
Gene Summary: Required for normal inner ear hair cell function and hearing.[UniProtKB/Swiss-Prot Function]