

Product datasheet for **MC228639**

Tmem232 (NM_001289486) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem232 (NM_001289486) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem232
Synonyms:	E130009J12Rik; Gm940; Tes13-L; Tes13-S
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228639 representing NM_001289486
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAAGCTTATAAGCCACCTGTGGTCAATAAGTTTGGAGTAATATCTTCCACTTATCATGAAGAACTCC
 TGAATCTATTTTTGAAAGTTCAAACAGAAAGAGTCAAAAACCAAAGCCATCATTTTTCAATTTCCAA
 AGAATTCATATTGAGATTCAACACACAGATAATCCAGCAGAGGAGGAAGAACTGTTGGAACAAGCCAGG
 AGACTCATCGTCAGGTCTAAGAGGAAGTTGGGCCTCAAGACACTGGGCTCTGGGAAGCATGTGCATCTTC
 CGACCGCATGGGCTGAGGTCACTATCTGGCTCAGTGCAAAGGGGAGATCCAAGATGCTTTAAATATGCT
 CCACGCCTCCTTGGACCATGTCTCCTTTGATCACGATCAGCTTCTGCCCTGTTTTTCTCGCGGAATCC
 GTTTTATATCGACTCTGTTGCGATGCATTCATGAAGGGATATTTATTCAGTTGAGATAAACTGGTGA
 AGATTGGCTATTTGATCTTCTACGGCTTTTTGTATTCTTCTGCATGGTCACTTAGAAAGCTTTAAACA
 ACATTTGCTTAGGCTGCAGCCATATTTATACGCACCTTCATTTCTCGGAACCGTCTACTACAAGTATCCG
 AACATCATCTCCAACGTGCAATTCATCTGAAAACATCGGAAATATCTGTAAGAGAGAGCTTCATTCTG
 AACCATTCGTGGAAAGCCAGATGAAACTGAGGATCCATATTCTGACCTGAATCATTGTCAGCTGAATAA
 GAGGGGCTACGAAGTCAACCACCTGCTCTGGCACAGTGTGGCCGCTGGTCTGCGTTGAGAACAATCGT
 CCTCAGCTCACGAAGTCTGGAACACCTCCTCTTCTACAAAACGCGACTTCAGACGAAATGCTGGTTGG
 ATTCAGCCCTGGCTTTGATGGTCTGGGGGAAGCTGCTAAGCTGGACATGGCCTGCTTGAACAACTGAT
 GGACCTAGTGACAGATTTCTTGAGAATCTTGTCTGCTCAGAACGGAAGAGAAGTATAATATATAT
 GATACTTCTGGCCCTCAGAGATTGTATCACATATAACAATATTGCAGAAGTCTGTCTGTATGCAG
 CTACCTTGACCTGAGGAAAACAGCTTTGATTGGGTTCTGTGCCTGTAAGTCCGACGCAAGTATTTTC
 CCTCACAGACAAGTCTGAAGAGCTGCCAGAGTTGGATGGCGCAAGCATTTTAACTCTTCTGAAGTATTT
 TCTTCCAGAATCTCTGATAACTGTGAGAAGGTGATCTGGATTGGATACTATGGCATAAGTATAAAGTGG
 TGAAGATGTCATGGAACTTCAGGGTGAGCAGGATCAGGATGGACTTAGAAAACATGATATGGCAAACACT
 GCAAAAAGATAAAGGATTATGAGCAAGACCCACGGATCCGATGTGCATTAGTTATAGCCAGGCCGAATTA
 AATGGCCCATCTGACCTTTCTGCACAAAGGCCACACCAAACCTCAGGAGAAGAAGTTTTCTCAAGTACA
 TCGGGTGGAGAATCGCTACTACTCTCTCCAGACTTTTTTCCCCTCTCTCGATGTTGCCCTCCAAAGAC
 GCCAGTGAAGTGGACCTGCCAAGAAAACACCCATCAGAGAACGCCAGCCTGCAAAAAAGAGAGTTCTG
 CGCTTTATCTTGAAGGATCATTCTCTGTGGTAGAAGTTCCATGACTCCGTATCCAATTTCTTACCA
 AGGCAGATAAGAAATTGGAAGAAATCATTGATCATCATTGGCAGAAAGATATGGAGGCCGAAAGCGAGA
 AGAGGAAGCATATAAGGCCCAAAATCAGAAGGACAAGGAGGAAAAGGAGAAGATTCACTTTCAAGAAAT
 ATGAAGCAAAGAGAACGGAAACTGAACAAACAAACCAACCTATGAAATAATTCTGTCAGAAAAAGAAA
 GTGGCTCAGAAAAGAAATGTGGGTTCTTCGAGCTGAAACCCAGCACCCGACCAAAATGCTAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001289486

Insert Size: 2025 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	<u>NM_001289486.1</u> , <u>NP_001276415.1</u>
RefSeq Size:	2591 bp
RefSeq ORF:	2025 bp
Locus ID:	381107
UniProt ID:	<u>Q5K6N0</u>
Cytogenetics:	17 E1.1