

## Product datasheet for **MC228640**

### **Tmem232 (NM\_001289485) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tmem232 (NM_001289485) 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:** >MC228640 representing NM\_001289485  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAAGCTTATAAGCCACCTGTGGTCAATAAGTTGGAGTAATATCTTCCACTTATCATGAAGAACTCC  
 TGAATCTATTTTTGAAAGTTCAAACAGAAAGAGTCAAAAACCAAAGCCATCATTTTCAATTTCCAA  
 AGAATTCATATTGAGATTCAACACACAGATAATCCAGCAGAGGAGGAAGAACTGTTGGAACAAGCCAGG  
 AGACTCATCGTCAGGTCTAAGAGGAAGTTGGGCCTCAAGACACTGGGCTCTGGGAAGCATGTGCATCTTC  
 CGACCGCATGGGCTGAGGTCACTATCTGGCTCAGTGCAAAGGGGAGATCCAAGATGAAGCTTTAAATAT  
 GCTCCACGCCCTTGGACCATGTCTCTTTGATCAGCATCAGCTTCTGCCCTGTTTTTCTCGCGGAA  
 TCCGTTTTATATCGACTCTGTTGCGATGCATTCATGAAGGGATTTTATATTTCAGTTGAGATAAACTGG  
 TGAAGATTGGCTATTTGATCTTCTACGGCTTTTGTATTCTTCTGCATGGTCACTTAGAAAGCTTTAA  
 ACAACATTTGCTTAGGCTGCAGCCATTTTATACGCACCTCATTCTCGAAACCGTCTACTACAAGTAT  
 CCGAACATCATCTCCAAGTGCAGTTCATCCTGAAAACATCGGAAATTATCTGTAAAAGAGAGCTTCATT  
 CTGAACCATTCGTGAAAAGCCCAGATGAAACTGAGGATCCATATTCTGACCTGAATCATTTCGAGCTGAA  
 TAAGAGGGGCTACGAAGTCAACACCTGCTCTGGCACAGTGTGGCCGCTGGTCTCGTTCAGAACAAT  
 CGTCTCAGCTCACCGAAGTGTGGAACACCTCTCTTACAAAACGCAGCTTCAGACGAAATGCTGGT  
 TGGATTACGCCCTGGCTTTGATGGTCTGGGGAAAGCTGCTAAGCTGGACATGGCCTGCTGAAAACACT  
 GATGGACCTAGTGACAGATTTCTTGAGAACATCTGTCTGCTCAGAACCAGGAAGAGAAGTATAATATA  
 TATGATACTTCTGGGCCTCAGAGATTGTATTACATATACAACAATTATGCAGAAGCTGTCTGTATG  
 CAGTACTCTGACCTGAGGAAAACAGCTTTGATTGGTTCTGTGCCTGTAAAAGTCCGCAGCAAGGTAT  
 TTCCTCACAGACAAGTCTGAAGAGCTGCCAGAGTTGGATGGCGCAAGCATTTTAACTCTTCTGAAGTAT  
 TTCTCTCCAGAATCTCTGATAACTGTGAGAAGGTGATCTGGATTGGATACTATGGCATAGTGATAACC  
 TGGTGAAGATGTCATGGGAACCTCAGGGTGAAGGATCAGGATGGACTTAGAAACATGATATGGCAAAC  
 ACTGCAAAAGATAAAGGATTATGAGCAAGACCCACGGATCCGATGTGCATTAGTTATAGCCAGGCCGAA  
 TTAATGGCCCATCTGACCCTTCTGCACAAAGGCCACACCAAACCTCAGGAGAAGAAGTTTTCTCCAAGT  
 ACATCGGGTGGAGAATCGCTACTACTCTCCAGACTCTTTTCCCTCTCTCGATGTTGCCCTCCAAA  
 GACGCCAGTGAAGTGGACCTGCCAAGAAAACACACCATCAGAGAACGCCAGCCTGCAAAAAGAGAGTT  
 CTGCGCTTTATCTGAAGGATCATTCTTCTGTGGTAGAAGTTCCATGACTCCGTATCCAAATTTCTTCA  
 CCAAGGCAGATAAGAAATTTGGAAGAAATCATTGATCATCATTGGCAGAAAGATATGGAGGCCGAAAGCG  
 AGAAGAGGAAGCATATAAGGCCAAAATCAGAAGGACAAGGAGGAAAAGGAGAAGATTCACTTTCAAGAA  
 ATTATGAAGCAAAGAGAACGGAAACTGAACAAACAAACCAACCCATGAAATAATTCTGTGAGAAAAG  
 AAAGTGGCTCAGAAAAGAAATGTGGGTTCTTCGAGCTGAAACCCAGCACCCCAATGCTAAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001289485

**Insert Size:** 2028 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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001289485.1</a></u> , <u><a href="#">NP_001276414.1</a></u>
<b>RefSeq Size:</b>	2679 bp
<b>RefSeq ORF:</b>	2028 bp
<b>Locus ID:</b>	381107
<b>UniProt ID:</b>	<u><a href="#">Q5K6N0</a></u>
<b>Cytogenetics:</b>	17 E1.1