

Product datasheet for **RN217005**

Tmem232 (NM_001270390) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem232 (NM_001270390) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmem232
Synonyms:	RGD1559548
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217005 representing NM_001270390
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGCCAGCAAAAAATGGCCATCATTTTCAGTTACCAAAGAATTCATATTGAGATTCAACAACACAGATA
 ACCGAGTCAAGGAGGAAGAACTGTTGGAGCAGGCCCGAAATTCAGTGTAGGTGTAAAGAGGAAGTTGGG
 CCTCAAGACCCTGGGCTCTGGGAAGCATGTGCATCTCCGACTGCATGGGCTGAGGTCATCTATCTGGCT
 CAGTGCAAAGGGGAGATCCAAGATGAGGCTTTAAATATGCTCTATGCCTCTTTGGACCATGTTTCCTTCG
 ATTGCGACCAGCTTCCACCCCTGTTTTCTTGCGAATCAGTTTTATATCGACTCTGCTGCGATGCATT
 CAAGAAGGAATTTTATATTAGTTGAGATAAACTGGTGAAGATTGGCTATCTGATCTTCTTACGACTT
 TTTGTATTTTCTGCACGGTCACTTAGAAAAATTTAAACAACACTTGCTCAGGCTGCAGCCATATTTAT
 ACGCGCTTTATTACTCGGAACCATCCTACTACAAGTATCCAAACATCCTCTCCAGTCTGCAGTTCATCCT
 GAAGACGCGGAAATTATATGCAAGAGAGAGCTTCATTTTGAAGTGTGAGAGCTTACGTGAAGTGGAG
 GACCCATTTTCTGATACGAATCATGTGCAGCTGAACAAGAGAGGCTATGAAGTCAACCACCTGCTCTGGC
 ACAGTGTGGCTGCGTGGTCTGCGTTCCAGGACAATCGTCTCAGCTGAATGCGGTGCTAGACCACATCCT
 CTTCCACAAAGCGCAGCTTCAGACCAAATGCTGGTTGGATTACGCGCTGGCTTTGTTGGTCTGGGGAA
 GCCGCTAAGTTGAACATGGCCTGCTTGAACAACTGATGGACCTAATGACACATTTCTCTTGTCTCCTC
 AGAGCCAGGAAGACTACTGCAGTATATGACATCCCCTGGGCCCTCAGACATCGTCTTCATATACACATC
 AATTATTGCGGAAGTCTGTCTGTACGCAGCCACCTCTGACCTGAGGAAAAACAGCTTTGATTGGGTTCTGT
 GTGTGCAAAGACCCGAGCAGGACATTCACCTCACCAACAAGTCTGAGGAGATGCCCGAATTAGATGGAG
 CAAGCATTTTAACTCTGCTGAAGTATTTCTCTCCAGGATCTCTGATAACTGTGCGAAGGTGATCTGGGT
 CGGATACTATGGCATAGTGATAACCTGGTGAAGATGTCATGGGAACCTCAGGGTGACGAGGAACAGGAT
 GGATTTAGAAACATGGTATGGCAAACTGCAAAAGATAAAGGATTATGAGGAAGACCCACGAATCCAAA
 ACGCAGTAACGATAGCCAGGCTGAATTGAATGACGCAGCTGACCCTTTCAGCTCAAAGGCCGACCAAAA
 CTCAGAAGCTTTCTCAAGTACATCGGGTGGAGAATCGCTAACTCTCTCCAGACTCTTTTCCCTCT
 CTGGATGTCTCCGCTCTCCCTCAAAGACGCGGTGGAACAGACCTGCAAGGAAACACACCATCAGCA
 AAAGGCAGCCCGAAAAAAGGGAGTAGTGCGCATTGTTATGAAGGAACATCCTTGTGTGTTAGAATTGTC
 CATGTTTCCGTATCCAGATTTCTCACCAAGGCGGATAAGAAATTGGAAGAAGTCATTGACCATCATTGG
 CAAAAAGATATGGAGACCCTAAAGCAAAATAGAAGCCGTGTGTGAGGCCCAAAATCGGAAGGACGAAGAGG
 AAAAGGAGAAGATTTCGCTTTCAAGAAATTATGAAGCAGAGAGAAAGGAACTGAACAAACAAACCAACC
 CTATGAAATAACTCCGTGAGAAAAAAGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001270390

Insert Size: 1854 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:

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_001270390.1, NP_001257319.1

RefSeq Size: 2353 bp

RefSeq ORF: 1854 bp

Locus ID: 501199

UniProt ID: B1WBT0

Cytogenetics: 9q37