

Product datasheet for **RN200337**

Tmem33 (NM_021671) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem33 (NM_021671) Rat Untagged Clone
Tag: Tag Free
Symbol: Tmem33
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200337 representing NM_021671
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCGGATACGACCCCGAACCGCCCAAGGGGCGGCGCTGTGCAATTTATGATGACCAATAAGCTGG
ACACAGCGATGTGGCTGTCTCGCCTGTTACAGTTTATTGCTCCGCTTTGTTCTGCTCTTCTTGG
GTTGCATGAAGCAGCAAGCTTTTACCAGCGTGCTTTGCTGGCCAATGCCCTGACCAGCGCTCTGAGGCTG
CATCAGAGATTACCACACTTCCAGTTGAGCAGAGCATTCCCTGGCGCAGGCCTGTTAGAGGACAGCTGCC
ACTACCTGCTGTACTCACTCATCTTCGTCAACTCCTACCCAGTTACAATGAGTATTTCCAGTCTTGTT
ATTTTCATTGCTTCATGCTGCCACATACACTAAGAAGGTCCTGGATGCAAAGGGTTCAAATAGTTTACCT
CTGTTGAGATCCGCTTTGGATAAATTAAGTACTAATCAACAAAATATTCTGAAGTTCATCGCTTGAATG
AAATATTCTTGATGCCCGCTACAGTTTTTATGCTCTTTAGTGGTCAAGGAAGTTTGTTCAGCCTTTTAT
ATATTATAGATTTCTTACTCTTCGATATTCCTCTAGAAGAAATCCCTATTGTCGGAACCTGTTTAAACGAA
CTGAGGATTGTTGTTGAACACATTATCATGAAACCCTCCTGCCCGCTGTTGTGAGAAGACTGTGCTCC
AGAGCATTGCCTTTATTAGCCGGCTGGACCAACAGTTGCG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_021671
Insert Size: 744 bp



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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:	<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:	NM_021671.3 , NP_067703.1
RefSeq Size:	3553 bp
RefSeq ORF:	744 bp
Locus ID:	59303
UniProt ID:	Q9Z142
Cytogenetics:	14p11
Gene Summary:	putative integral membrane protein [RGD, Feb 2006] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer protein (isoform 1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.