

Product datasheet for RN215995

Tmem11 (NM_001164543) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem11 (NM_001164543) Rat Untagged Clone
Tag: Tag Free
Symbol: Tmem11
Synonyms: RGD1309817
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN215995 representing NM_001164543
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCCGCGTGGGAAGGAGGCGTCTGGGTCCGGCGCGGCAGCTCCCGAGAGAGGGTTAGCCTGTCAG
 CTACAGATTGCTACATTGTGCATGAGATCTACAGTGGGGAGAATGCCAGGACCAGTTTGAATATGAGCT
 GGAGCAGGCGCTGGAAGCCCACTACAAGTACATTGTGATAGAGCCACCCGGATTGGAGACGAGACAGCA
 CGCTGGATCACCGTAGGCAATTGCCTGCACAAGACGGCCGTGTTGGCAGGTACTGCCTGCCTCTTACCC
 CATTGGCACTGCCCTGGATTACTCCCACTACATCTCCCTGCCCGCTGGTGTGCTGAGCCTGGCCTGCTG
 TACCCTCTATGGGATCTCCTGGCAGTTTGACCCTTGCTGCAAGTACCAGGTGGAGTATGATGCCTATAAA
 CTGTCCCCTGCCTCTGCACACGCTCACCTCCTCCACACCAAGTGGTGTGGTTCGGAAGGACGACCTGC
 ACAGAAAGAGACTGCACAACACAATAGCCCTGGCTGCCCTGGTGTACTGTGTAAAGAAGGTTTATGAGCT
 CTACGCCGT**ATGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001164543
Insert Size: 573 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).
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:	<u>NM_001164543.1, NP_001158015.1</u>
RefSeq Size:	1224 bp
RefSeq ORF:	573 bp
Locus ID:	303196
UniProt ID:	<u>B0BN86</u>
Cytogenetics:	10q22
Gene Summary:	Plays a role in mitochondrial morphogenesis.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1).