

Product datasheet for RN211168

Tmem5 (NM_001024759) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem5 (NM_001024759) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmem5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211168 representing NM_001024759 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCGGCTGACGCGGACCCGGCTCTGCTCGCTCCTCGTCGCCCTGTACTGCCTCTTCTCCATCTACGCCG
CCTACCACGTCTTCTCGGGCGCCGCCGGCCGGCGCGACCTCTCGGGCTCCAGGAAGACAGC
GGCGCAAGCGAAGGAGAGCGCGCGCGGTAAGCAGTCCGCGTTGGAGAGTGAAGAATGGAATCCTTGG
GAAGGAGATGAAAAAACGAGCAGCAACACAGAATTTAAACTGGCCTGCAAATCTTAAACAAATCCACAA
AAGAAAAATAGAGCATCGTGTGCAAATCTGGGCAAAGCTGCCATCGGTCTCTATCTCTGGAAACATGT
TTTTGAAGGCACTCTCGCTCCTGCTGATGTGACTGCTCAGTGGAGGGAAGGACAGTCAAGTGTAGGAAGA
ACACATTACAGCTTCATCACTGGCCAGCTGTAGTTCCCGGTACTTCTCCATAGATGTGGACAATGTGG
TCCTTGTTTTAAATGGAAGAGAAAAAGCAAAGATCTTCCATGCCACCCAGTGGTTAACTTATGCCAGAA
TTAATAACAAACCCAAAACTGCAGCATCTGGCTGTTGTCTTGGTGGAGATGAGCACTGTGATAATGAC
TGGATAATGCAGTTCCTCAGAAGAAATGGAGGCTTCGTGGACCTACTTTTCATAACATATGACAGCCCTT
GGATTAATGGTGCAGATGTCCTCAGTGGCCGTTAGGTGTAGCAACATACAGGAAGTTTCTGTGGTTGA
AGCCAGCTGGTCCATGCTGCATGATGAGAGACCTATATATGTAATTTCTTAGGGACTATCTATGAAAT
TCATCAAGACAAGCACTAATGAACATTTTAAAACAAGATGGAAATGATAAACTTTGTTGGTTTTCTGCAA
GAGAACAGTGGCAGCCTCAGGAGACAAATGAAAGCCTTAAAAATACCAAGATGCTTTGCTTCATAGTGA
CCTCACATTGTGCCCTGTAGGAGTGAACACTGAATGTTACAGGATCTATGAGGCCGTCTCTTTGGCTCC
ATTCCTGTGGTAGAAGACGTGATGACAGCTGGCCACTGTGAAACACATCCAGTCAGCACAGCGCTCCTC
TGCAGTACTCAAGGCCATGGGGCCCCCTTCACTTCAAGAAGTGGAAAGGAGCTCCCTGCTATTTT
AGAAAAGGAAAAAATAAATCTTACAAGAAAAGATTCAAAGAAGAAAAATGTTACTTTCATTGGTACCAA
CATTTCAAAACAGAACTAAAGTGAAATTTACTAAAATTTAGAAAGTTCATTTTTATGAATAAAG
GTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001024759
Insert Size:	1335 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).
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_001024759.1, NP_001019930.1</u>
RefSeq Size:	1549 bp
RefSeq ORF:	1335 bp
Locus ID:	299841
Cytogenetics:	7q22