

Product datasheet for **RN216823**

Tmem117 (NM_001271239) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem117 (NM_001271239) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmem117
Synonyms:	RGD1562562
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN216823 representing NM_001271239
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTAAAGACTTCCGTTACTATTTCCAGCATCCTTGGTCTCGCATGATCGTGGCTTACCTGGTCATCT
 TCTTTAACTTCTTGATATTCGCGGAGGACCCAGTCTCTCACAGCCAAACAGAAGCCAATGTTATTGTTGT
 TGGAAACTGTTTTTCGTTTCGTAACAAATAAATACCCTAGAGGAGTTGGCTGGAGGATTTTGAAGGTGCTT
 CTATGGCTACTGGCCATTCTCATAGGACTGATTGCTGGCAAGTTTCTGTTCCATCAGCGTTATTTGGTC
 AGTTGCTCCGGTAAAAATGTTCCGTGAAGACCACGGGTCGTGGATGACGATGTTCTTCAGCACGATTCT
 GTTTCTTTCATCTTCTCTCACATATAACAACACAGTCTTCTGATGGACGGGAACATGGGAGCATATCTC
 ATCACAGACTACATGGGCATCCGGAATGAAAGTTTCATGAACTAGCTGCTGTAGGAACCTGGATGGGG
 ACTTCGTCACAGCCTGGATGGTCACCGATATGATGCTTCAGGACAAGCCCTACCCTGACTGGGGGAAGTC
 TGCAAGAGCTTTCTGGAAGAAAGCAACGTGCGGATCATTTTGTCTGGACTGTCTCTTACCCTGACC
 TCCGTGGTGGTACTTGTATCACAAACCGACTGGATCAGCTGGGACAAACTGAACCGTGGATTTTGGCCA
 GTGATGAGGTTTCCAGGGCCTTCTCGTCTTTTCATCTTGGTCTTTGACCTCTTATCGTGATGCAGGA
 CTGGGAATTTCCACACTTCATGGGCGATGTTGACGTGAACCTCCCGGGTTGCACACTCCTCACATGCAG
 TTCAAGATTTCCCTTCTCCAGAAGATCTTCAAGGAGGAATACCGCATTACATAACAGGTAATGGTTTA
 ACTACGGAATCATCTTCTCGTCTTGATTTTGGACCTGAACATGTGGAAGAACCAATATTTTACAAACC
 TCATGAATATGGACAGTATTTGGCCCAGGGCAGAAGATATACACAGTGAAGGACTCTGAAAGTTTAAAG
 GATTTAAACAGAACCAAGCTATCTGGGAATGGCGGTCCAATCACACTAATCCTCACACTAACAAAACCT
 ATGTTGAAGGCGACATGTTCTTACACAGCAGTTTCACAGGGGCCAGCCTAGATGTCAAGTGTCTGGCTTT
 TGTTCCAAGTCTGATAGCTTTCGTGTGGTTGGATTCTTTATTTGGTCTTTGGACGTTTCTAAAGAAC
 GAGCAAGGGATGGAGAATCAAGATAAACTTACACTCGCATGAAAAGAAAATCACCTCGGAACACAGCA
 AAGACATGGGCATCACTCGAGAAAGCACCCAGGTCTCCGTGGAAGACCCGCTGAACGACCCGCCCTTGGT
 TTGCATCAGGTCGACTTAAACGAGATAGTCTACAAGTCTCCCATCTGACATCGGAAAACCTTGAGCCTG
 CATCTGAAGGAGTCTACCAGTGCGGCGGAGGCCGATCAAGACCCAGCGCCTCTCCGAGTCTGCGGACGG
ACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001271239
- Insert Size:** 1545 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_001271239.1](#), [NP_001258168.1](#)

RefSeq Size: 2781 bp

RefSeq ORF: 1545 bp

Locus ID: 500921

Cytogenetics: 7q35