

Product datasheet for **RN216901**

Tmem87b (NM_001191854) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem87b (NM_001191854) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmem87b
Synonyms:	RGD1307907
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN216901 representing NM_001191854
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCTGCCGCTGTGCGTCTATGGCTTCCCTCCTCCCGCCTCCTCTGCCGCTACCGCTGGGGCCC
 AGATGCTGCGCGTTGCCCTGTGTCTCCTGTGCTGGGTCCCGCGGCTGTGGATGCAGTCCCTGAGCTCGG
 GCTTTGGACGAGGACGGTCAATGACAAATCAGGACCTTTGATATTCAGGAAAATATGTTAACTCTACT
 GATATCAGATTTTCTGTGAAGTCGTTCACTGTCTGGACCTGTGAAGTTTACCATAGAGTGGCATTGGA
 AGTATCACACCTGTCAATGAGTACCCTGAGCTGGAGGAGGAGCTGTTCCAAAAACATGAACCTTCATGC
 TGATGGAGATGTCTGTGCTTACTTCAAAAAATTGACTGTTGGACAACAAAAAGTAAAACTTAGATTGC
 AGCAGTGATTCACAGGCTTTTCCTTCATTAATAATAAGAACTAACAGGTATCAGGAACATTTCAAGCC
 AGGAAGGATCAATGGATGTTGTAGCCAGGACCCAGAAAGATGGCTCCATATCTTCATTGTTTCTATTAA
 AACAGAGAAAACAGATGCAATCTGGGATTTAAATGTTTCTTTCCATGGTGGGCTCACGGCTACATC
 TCTGCATCTGACTGGCCTCTCATGATTTTTTACATGGTGATGTGTATTGTTTACATATTATATGGTGTC
 TCTGGCTGCTGTGGTCTGCCTGTTACTGGAAAGATATACTGAGAATCCAGTTCTGGATTGCAGCTGTTAT
 TTTCTAGGAATGCTTGAAGGAGGAGTTTATAGTGAATACCAAAACATCAACAGCACTGGAGCTGTCG
 ACCCAAGGTTTACTGATATTTGCGGAGTTGATATCTGCACTTAAGAGGACGTTGGCTCGCCTGCTTGTA
 TCATTGTGAGCTTGGGTTATGGCATTGTAAGCCGCGGTTGGGAACAGTGATGCACCGGGTGATTGGACT
 GGGCCTGCTTTACTTGATCTTTGCAGCCATTGAAGGTGTCATGAGAGTCATCGGGGGTTCTAAACATTTA
 GCTGTTGCTTTGACTGACATTGTTTTCAGCTTATTGACTCCATTCTGTGTGGTTCAATTTTATAAGTT
 TGGCACAGACTATGAAGACTCTGAGGCTAAGAAAGAACACAGTGAAATTTTCGTTGTATAGGCATTTTAC
 AAATACACTCATCTTTGCTGTGCTGGCTTCTATAGTGTTTCATGGTGTGGACAACAAAGACCTTCAGGATA
 GCAAAATGCCAATCAGACTGGATGGAGCTGTGGGTTGATGATGCCTTTTGAGCTTCTCTTTTCACTCA
 TCCTTATTGTGATAATGTTCTTATGGAGGCCATCAGCAAATAATCAGAGGTATGCCTTCATGCCCTTGAT
 AGATGACTCTGATGATGAAGTTGAGGAATTCATGGTAACATCTGAAAATTTAACTGAAGGAATAAACTA
 AGAGCCTCAAAACGGTTTTCGAACGGAACAGCTAAACCCACTTCTGAGAACTTCGATGAAGATTTGAAGT
 GGGTGGAAGAAAATATCCCTCTCCTTCACAGATGTAGCTCTCCAGTGTTAGTGGACTCAGATGAGGA
 AATTATGACCAGATCTGAAATAGCTGAAAAATGTTCTCTTCAGAAAAGATAAT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001191854

Insert Size: 1668 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_001191854.1, NP_001178783.1

RefSeq Size: 2142 bp

RefSeq ORF: 1668 bp

Locus ID: 362212

Cytogenetics: 3q36