

Product datasheet for **RN206262**

Tmem8a (NM_001106991) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem8a (NM_001106991) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmem8a
Synonyms:	M83; Tmem8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN206262 representing NM_001106991

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

 ATGGGCCGGGTTGGGGCCGGGAGCACAGCGCGGGTGGCAGCAGCCGGGTCACTGCTGCTACTGCTGCTGC
 TCCTGGCTCGGCCTCCGCCTGCCGCCGCCGCAACATCAAGGAGAGCGAGGCTGGACTGGTGTCTGAGCA
 CTTCTCACAGGCCCCACAGAAGCTGTCTTCTATAGCTGGTATGGTAGCACCCGGCTTTTCCACTTCCGT
 GTGCCCCAGACACCGTCTGCTTCGATGGCTGCTGCATGTGTCCAGGGAGGTCCGTATGCGCCGACG
 TAGAGATCACAGTGCATTTCCGCTATGGCGCCCTCCTGTCAACCCGCTGGGCACCACTTCCCTGA
 CGACACCTTGACCATGCCTCCTCCATATCAAGACACTGCTGAGCACCATGTTACTGGGCAACACCTCA
 GTCAACATCTCCACCCAGCCCTGGGGACTGGTTCTGGTGGCTCACCTCCCTCCCTCATCCAGAAGA
 TCCAGGTGAAGGGCTTTGTTCAACCTGTGCCTACATCTCCAGCCTGATATGCTGGTAATGAGGGTGGT
 TGAAGTCTCCATCTAGAGCCCCGACATTCCCTCCACAGACGCTGCTCTCCACCCAGCTACCTCAAG
 ATCTTTGTCCCTGAATACACCCAGGAGCTTCGCTTGGAACTGCAGGGCTGTGTGTCCAGTGTGAGCCCCG
 GCTGCCAGTACGTCTCACAGCGGGGTGACCACCTGCCTAGAACTTCCAGAGGGTATTGACTTGCAC
 TGGCCTTGCTCCATTCTGCCATTTGCTGCTGTCTCTCCGCCCTGGGGCCGGTGGTTACAAGTGACAGTG
 GAGAGCCTGGCTGAACCTCACGTGACAGTGGGTTTCACTGCTAAAGTGCCTTTACAGCGTGTAGGCCAT
 GGAGTGTGACCTTCCATCATCTAATAACAAACAAACCAACAGACTTACGATACCTCTGCAGTCCAGCT
 GTCCCAAAGTGTGCCACTGGGACCTGGGCAGGAGTGGCCGGAGTAGCAGGGTAGACGGTGGCCCTTC
 TGTCTCCTGAACATCCAGTCTGAGGGAGGACACAGATGTGGTGTCTGTACACTTCCAGCCCTGAATG
 GGGCCTTCGTGCTGGTGCATTCAAACATGCCTTCTGTAATGCAGCTCCGTCTTGATACAGGCATGGACAG
 CGGGGGCTCCTTCATCATTGTCTGAGGGCTAACAAAGTCAGAGGTACAAATGGCACCTCGGTAGCAGCT
 TGTGTGAATGTTGCCTCACCTTTCTCAGCTTCAACGCTTCACTCAACTGCACCACAGCCTTCTTCCAGG
 GCTATCCCATGTTTCTGAGTGCCTCATCTCACATGGCCAACTCATCATCCCTATCCGGAGACAGACAA
 CTGGTACCTCTCCTTGACGCTTGTGTGCCCTGAGAGTCTGAGGATTGTGAACAGGCCGCGGTTTCGCGTG
 GAGACCGTCTTGATCTGGTGCCTGTTGAATGACTGTGGGCCCTATGGCCAGTGTCTCCTGCTCCGTA
 GATACGGTATCTGTACGCAGGCTGCAGTGCAGGCAGGTTGGCGTGGTGGAGCTGCACGGACAACAG
 CACAGCCAGACTGCAGCCAGCAGAGGGCAGCAGCACTTCTGCTCACGCTTAGCAACCTCATGTTCTCTG
 GCCCCATTGCTATATCCGTGCACCGCTCCTTCTGGTTGAGGCCTCTGTCTACTTTTAACTATGTTCT
 TCTCAACGTTCTACCACGCTGTGACCAGCCTGGGGAGGCTGTGTGTGTATCCTCAGCTATGACACGCT
 GCAGTACTGCGACTTTCTGGGTTCTGGGCATCCACCTGGGTGACCATTCTTTGCATGGCCCGTCTGAAG
 ACAATCCTGAAACAGGTACTACTTGTCTCGGCCCTACTGGTCATCGCTATGTCTTGCAGATGGATCGCA
 GGGGCTATCGAACCTGATGGGACCTTGTGTCTTTGCCTTTGTGATCATGGCTTTTATGTGGATATACCG
 CTGTGGGCACCGACGTGAGTGTACCTACCTCGTGGCAGCGCTGGGTCTTCTACCTCCTGCCTGGCATC
 TCCATGGCTTTTGTGGGCATCGCCATGTACACTTCAATGATGACCAGCGACAACCTACTACTACCCACA
 GCATTTGGCACATCCTACTGGCTGGCAGTGTGGCATTTCTTCTCCCTCCACGAGAAGAAAAGGCTGGGTC
 CTGGGCCTGTTTGCAGAAGTTCCCTGTCACTACCAGATCTGCAGGAATGATCGGGATGAGTTGTACACA
 GTGACATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001106991

Insert Size:

2319 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:	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_001106991.1, NP_001100461.1</u>
RefSeq Size:	3455 bp
RefSeq ORF:	2319 bp
Locus ID:	303004
Cytogenetics:	10q12