

Product datasheet for **MC222401**

Tmem245 (NM_175518) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem245 (NM_175518) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem245
Synonyms:	A630051L19Rik; AI957324; D730040F13Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222401 representing NM_175518
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCGACCGCGGCCCTGTGAGGCGCCAGCCCGGGGCTCTCCCGGCCAGAGTCCCGGGCC
 CGCGCACGGTCGGCCCGGCGAGACCCCGGTACCGCGCGCTGGCGCTGCGCTTCGATAAGCCATCAA
 GCAGGCTTTCTACAACACGGGCGCCGTGCTGTTCTGTGCCTGTGCTGCGGCGCCGCGGTCTCGTGTAC
 TTCATCCTCGAGGCCTTCTGCGCCGCTGCTCTGGCCGTGCTGTGCGCACTTCTGCACCCGTTCA
 AGAGCTCGCTCACGCGCCTGGCCGCTGTGGCTGCGGCGCTGCACCGCGCACACGCCCATCGTGT
 GGCCGCGTGTGCTGCCGCTGCTTCGCGGACTACGGCGTGGAGGCGTGGCGAGCAGGCGCTGCGC
 CGCCGCCCTGTTGCTGCTGCTGGAGCGGGCGCCGCTGCTCTATGGGCTCTACTGCCTGGCAGCT
 ACCTGGGCGTGCAGGTGCTGCTGGCGCACGCGGCGCGCTCATCTGCCGCGCCTCGACTACTTCAGCAG
 CCTGTGGATCTGGACATTGGTAGTTGGCTACGTGCTGATGGTTTCATTCAAGTGAATGCAAGCACTCAA
 CGGTATTTGAGAGCAGTTTCGATTCCCTGTGTGGATGATACTGCTTTTTCATATAGCATCACTGGCTGGCT
 CATGGAGAATTCAGTATTCCTGTTATTGTTTTCTGATGTCTGTGGGACCCTTTATGAAAAACAGAA
 TGAGAAGGAGTCGGCTGGGGCAGAATTACCAGGACAAGTATCTCCATGGCAGCTTCTACTTTGAAAA
 TTGGCCATCTCCATCACTGGGTATGAGTCCAGCACTGAAGACCAGCCCTCTGACCCTCCGACAGAGCCCA
 CAGACAAGGGAGAACCCCTCCAGCATTGTCTGCTTCTTTCATCCTCCTCTCGTTCTCGCCCTTTC
 TCCTTACCTACTTTGGGAGACAGAGGCCGAGATGGGAACATTTCTCAGGAAGAAGAAAAAGAGTGAC
 ATCTACTCGTGTCTCTGTGTGGGCCATATTGCTGTCCAGCTTTGGCTGAATCTGTGGATCGTACAGC
 TGATGCCAGTGCCTGTTGCAGTCTGGATCATCAAAAAGCTCGTGTCCACTTTGGAGTGGTGGGCTTCT
 GGAGAAACGCTGCCACGCATGGTGGCAGGTGATTGAATGCTTCCGAAGGAGCGGAGGAGGCTTTGGCA
 CCTTGGCCGATTATCGGGCTTGGAAAGTCTTACTAAAAGTTGATAGCAAGATGATCATCTGGTTGGAGA
 AGATGTTAGATAAAAATTATTAGCATTTTCATCATATTCTTGTAGTCATAGGAACCTTCTTTTGGCCCT
 TCTCCTGACTGCAAAGGTACATCAGGAGAGTGTTCACATGATTGAAGTCAACAAGTGTCTGATTAACGAA
 ACTCTAGCAAATCACCCAGAGTGGGCAAATGGCTTCTGAGGCTCAGGTGGTCCAAAGAGCTCTTAATT
 CAGCAGCAAACAATGTGTACCAGTATGGACGGGAATGGATAACTCACAAGCTTCAAAAAATCTAGGAGA
 TAAGGTGAACAATACGGCTGTGATTGAAAAGCAAGTCTAGAACTGTGGGACAGACTGTACTCTTGG
 TTTGTTAAGAACGTGACACACTCTGGAAGGCACAAGGGCACAAGATGCATGTGAGCCGTCAGAACAGCT
 GGCTGGGAGATATTTGGACTGGCAAGATATTGCCTTTTCGTTTCATGAGAACATCGAGACTTTTCTTTC
 GATATTATCTTTTGGCTTCCAAATATGGAAGATGAAGATCCTGGAGTCTCTGTGGATTGTTATGAGCCGG
 AACGTGAGCCTGCTGTTACCACAGTACCACCCTGCTGACCATCCTCTTCTACAGTGGCACTGCCCTTC
 TCAACTTCGTGCTGTCTGTGATAATTTCTGACCACACTGTTTTATCTGTTAAGTTCAGTGATGAGTA
 CTACAAGCCAGTGAAGTGGGTGATCAGCCTGACACCCTTCTCAGCCAGGCCCTTCTCTAACATCATC
 GGCCAGTCTGTGGAAGAGGCGATCAGAGGGGTGTTGATGCTTCCCTCAAATGGCTGGCTTCTATGGAC
 TGTACACCTGGCTGACTCACACTATATTTGGCATCAATATTGTCTTACATACCATCAGCTTTGGCAGCAAT
 CTTGGAGCTGTGCCATTTCTGGGGACATATTGGGCAGCAGTACCTGCCGTTCTAGACCTGTGGCTGACA
 CAAGGGCTAGGATGTAAGCCATCTTGTCTGCTTTCATCTCTTCCCAACATACTTCGTAGACTG
 CAATCTACTCTGATATATCAGGAGGAGGCCACCCCTACCTGACCGGCTTAGCAGTGGCTGGTGGAGCCTA
 CTACCTGGGCCTAGAAGGAGCAATCATTGGGCCTATCCTTCTCTGCATACTTGTGTTGCTTCCAATATC
 TACAGTGCCATGCTAGTGAGTCTACGAACTCGATGCCACACCAAATCAGACCCCTTGGCTGCTCAGA
 CTCAGCGGACTTCCGTGACATCTCTGAAGATCTGAAATCTTCAGTAGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_175518
Insert Size: 2643 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:	NM_175518.5 , NP_780727.3
RefSeq Size:	6895 bp
RefSeq ORF:	2643 bp
Locus ID:	242474
Cytogenetics:	4 B3