

## Product datasheet for **MC219137**

### **Tmem145 (NM\_183311) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Tmem145 (NM_183311) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem145
Synonyms:	B930076A02Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219137 representing NM\_183311  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGAGCCCTCCCGCGCCCGTCTGCGCCCGCTGCTGCGCCCGCTACTGCTCTTGCTGCTGCCACTGT  
ACCCCGCACCCGGGCAAGTACGTGCGGGCAACCTCAGCTCCAAGAGGATTGGGTGTTCTGACAAG  
ATTTTGTTCCTTTCGGATTATGGACGACTGGACTTCCGATTCGATACCCCGAGGCTAAGTGTGTGAC  
AACATCCTCCTACTTTGACGACCCATCCAGTGGCCAGCGGTGTACAAGCAAGGGACAAGGACTGTT  
TGGCCAAGGAGTCGGTGATCAGGCCAGAGAACAACCAGGTCATCAATCTCACCCTCAGTACGCCTGGTC  
GGGCTGTCAGGTGGTGTGAGAGGAGGAACTCGCTACCTGAGCTGCTCCAGTGGCCCGAGCTTCCGTTCT  
GTGCGTAAAGATGGTGTATATCGCACTCAGCAAGTGTGGGGGAGACGGGCTGCAGTTGGAGTATGAGA  
TGGTCCTTACCAACGGCAAGTCTTCTGGACACGGCACTTCTCAGCTGATGAATTTGGGATTTGGAGAC  
AGATGTGACCTTCTCCTCATCTTACCCTTATCTTTGCCTCTCTTGTACTTTGGATATTTGCTGAAA  
GGCCGTACAGTTACTCCACACAACCTATAAAATGTTTCATGGCTGCAGCAGGAGTGGAGTCCCTGAGCCTCC  
TGTTTTCTGCATCTACTGGGGCCAGTATGCCACAGATGGCATTGGCAATGGCAGCGTGAAGATCTTGGC  
CAAGCTGCTCTTCTCCTCCAGTTTCTCATCTTCTGCTCACACTCATCCTCCTCGGGAAGGGATTACAG  
GTGACACGAGGCCGCATCAGCCACTCAGGCTCCGTGAAGTTGTCTGTGTACATGACCCTGTACACCTCA  
CCCACGTGGTGTGCTCATCTACGAGGCAGAATCTTTGACCCAGGCCAGGACTATACACATACGAGTC  
TCCGGCTGGTTATGGGCTCATCGGGCTCAGGTGGCTGCCTATGTGTGGTCTGCTATGCTGTGCTGGTC  
TCCCTTCGGCACTATCCAGAGAAGCAGCCCTTTATGTGCCCTTCTTGTGCTTACTCTCTGGTCT  
TCGCTGTCCCGTTCATGGCTCTGATCGCCAATTTGGGATCCCAAAGTGGGCCCGAGAGAAGATAGTCAA  
CGGTATCCAGCTGGGGATCCACCTCTATGCCATGGCGTGTTCCTGATCATGACCCGCCCATCGGCGGCC  
AACAAAGAACTTTCGTACACAGTGCAGAACTTACAGATCGCCTCCGCTGGGGTCCCTGGACCTGGAGGGA  
GCCAATCAGCAGATAAAGCCTTCCCGCAGCACGTCTATGGAAACGTGACGTTTCATCAGCGACTCGGTGCC  
CAACTTACGGAGCTCTTCTCCATCCCCCGCCAACTCCTGCTGCGGGAAGCAGGTGGAGGAGACAGCG  
GTGGCGGCGGGTGGCCCCGAGGGGCGGTGGTGACCATGGCCGAACCCGGCGCAGCCTCCCCGCCCC  
CACCCGCTCGGTCTCCAAGCGGTCGACTCGGGCTGGGATGGCCCGACGCGCTCTACCAGCCGTTGT  
GCCCCAGACGGCGGCCGCACACCGGCTTACCAGAATACTTACGATGCACACAGCCGGGGCCCTGCA  
CCCCGGT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_183311

**Insert Size:** 1692 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:** [NM\\_183311.2](#), [NP\\_899134.2](#)

**RefSeq Size:** 2298 bp

**RefSeq ORF:** 1692 bp

**Locus ID:** 330485

**UniProt ID:** [Q8C4U2](#)

**Cytogenetics:** 7 A3