

Product datasheet for **MC226646**

Tmem53 (NM_001285814) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem53 (NM_001285814) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tmem53
Synonyms:	1110038M16Rik; 1500001P22Rik; 1700012A05Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC226646 representing NM_001285814 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGAATCCTGATGGAAAGAACAGACAAGGTGGGAAGGAAGCTGGGAAGCAACAGCCTGTGGTGATTCTCT
TGGGCTGGGGAGGCTGCAGGGACAAGAACCTGGCCAAGTATAGTGCTATCTACCACAAAAGGGGCTGCAT
TGTGATCCGATACACGGCCCCCTGGCACATGGTCTTCTCTCTGAGTCCTTGGGCATCCCTTCACCTTCGC
GTGATAGCCCAGAACTGCTGGAGCTCCTTTGACTATGAGATTGAGCGGGAGCCTCTGCTCTTCCACG
TCTTCAGCAATGCCGGCGTCATGCTCTACCGCTACGTGCTGGAGCTCCTACAGACCCACCAGCGCTCCG
CCATTTGCATGTGGTGGGCACCATCTTTGACAGTGGTCCTGGCGATAGCAACCTGATAGGGGCCCTGAGG
GCTCTGGCAACCATCCTGGAGCGCCGACCTGCGGTGCTGCGCCTGTTGCTCCTGGCAGCATTTGCCCTGG
TGGTGATCCTGTTTCACTTCCTGCTTGCTCCATTCACTGCCCTCTTCCACACCCACTTCTACGACAGGCT
GCAGGACTCAGGCTCCTGCTGGCCTGAACCTCTACCTCTACTCTAGAGCTGATAAGGTGGTCTCGGCCAGG
GATGTGGAACGTATGGTAGAGGCACGCCTGGCTCACCAGGTATGGTGGTGGAGTGGAATTTGTGTCAT
CTGCGCATGTGAGCCACCTCCGAGACTATCCTACTTACTATACAAGTCTGTGTGTTGACTTCATGCATAA
TTGTGTCCAATGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001285814
Insert Size:	786 bp



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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001285814.1 , NP_001272743.1
RefSeq Size:	1085 bp
RefSeq ORF:	786 bp
Locus ID:	68777
UniProt ID:	Q9D0Z3
Cytogenetics:	4 D1