

Product datasheet for RN209442

Tmem53 (NM_001107964) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem53 (NM_001107964) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmem53
Synonyms:	RGD1307066
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209442 representing NM_001107964 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCCTCGGCCGAGCTGGATTACAGCATCGAGATCCCGGATCAGCCCTGCTGGAGCCAGAAGAACAGCC
 AAGGTGGGAAGGAGGCCGGAAGCAACAGCCTGTGGTATTCTCTGGGCTGGGGTGGCTGCAGGGACAA
 GAACCTGGCCAAGTATAGTGCCATCTACCACAAAAGGGGCTGCATTGTGATCCGATACACGGCCCCCTGG
 CACATGGTCTTCTCTCTGAGTCCTTGGCATTCCCTCACTTCGTGTGGTGGCCAGAAGCTGCTTGAGC
 TCCTCTTTGACTATGAGATTGAGCGGGAGCCTCTGCTTTTCCATGTCTTCAGCAATGCCGGCGTCATGCT
 CTACCGCTACGTGCTGGAGCTCCTTCAGACCCATCAGCGCTTCCGCCATTTGCATGTGGTGGGCACCATC
 TTTGACAGTGGCCCTGGGATAGCGACCTGATAGGGGCCCTGAGGGCCCTGGCAACCATCTGGAGCGCA
 GACCTGCCGTGCTTCGCCTGTTGCTCCTGGCAGCATTTGCGCTGGTGGTGGTCTGTTCCACTTCTGTT
 TGCTCCATTACAGGCCCTCTCCACACCCACTTCTACGACAGGCTGCAGGATTAGGCTCCTGCTGGCCC
 GAGCTCTACCTCTACTCTAGAGCTGATAAGGTGGTCTCAGCCAGGGATGTGGAACGGATGGTGGAGGAAC
 GCCTGGCTACCAGGTCTCAGTGC GCGGAGTGGACTTCGTGACATCTGCGCATGTGAGCCACCTCCGAGA
 CTATCCTACTTACTATAACAAGTCTGTGTGTGACTTCATGCATAATTGTGTCCAGTGCT**GA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001107964
Insert Size:	831 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).
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_001107964.1, NP_001101434.1</u>
RefSeq Size:	1291 bp
RefSeq ORF:	831 bp
Locus ID:	313529
Cytogenetics:	5q36