

Product datasheet for RN210217

Tmem43 (NM_001007745) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem43 (NM_001007745) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmem43
Synonyms:	MGC94413
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN210217 representing NM_001007745 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGCGAACTATTCCAGTACCGGCAGCAGGAAAGAACACGTCAAAGTGACATCTGACCCCCAGCCAG
GCTTCTTGGAGCGGCTGAGTGAGACTTCCGGTGGGATGTTCTGTTGGGGCTCGTGACCTTCTTGCTCTCCTT
CTACTTAATTTTTACCAATGAGGGCCGAGCACTGAAGACTGCCAAGTCTGTTGACAGGGGCTGTCTCTG
GTGGTGTCCCTGACAGCATCCACAGTGTAGTCCAGAGAATGAAGGGAGACTGGTACACATAATTGGGG
CCCTGCGGACTTCCAAGCTCTTGTCTGACCCAAATTATGGCGTCCATCTACCAGCTGTGAAGCTTCGACG
GCATGTGGAGATGTACCAGTGGGTGGAGACAGAAGAGTCCAATGAGTACACGGAAGATGGACAGGTGAAG
AAGGAGACAAAGTATTCCTACAACACAGAGTGGAGGTCAGAAATTGTCAAGTACAAAAATTTTGACCGAG
AGATTGGCCACAAAAACCCAGTGCCATGGCCGTGGAGTCTTTCACAGCAACTGCCCCCTTGTCCAGAT
TGGCAGGTTTTTCTGTGTCAGCAGGCCTCATTGACAAGATTGACAACCTCAAGCCCTGAGCCTGGCCAAG
CTGGAGGACCCCATGTGGACATCATTGCGCGAGGAGACTTTTTCTACCACAGTGAAGCCCTAAGTACC
CGGAGGTTGGTGATGTTTCGAGTCTCCTTTCTTATGCGGGACTGAGCAGTGATGACCCTGACCTGGGCCC
GGCTCACGTGGTTACTGTGATTGCCCGGAGCAGGAGTACCAGTAAATCCCATATTCACCAAGTCCGGG
GACACCTTGTCTCTGACCATGGAGACTTCTCAGCTGAGGAGGTGTTCCGTAGAGAACAAGAGAGCA
ATTCCATGAAGACGTGGGGCCTGCGGGCAGCTGGATGGATGGCCATGTTTATGGGGCTCAACCTCATGAC
ACGGATCTCTACACCCTAGTGGATTGGTTTCTGCTTCCGAGATCTAGTCAACATTGGCTTGAAGACC
TTTGCCTTCTGTGTGGCCACCTCACTGACACTGTTGACTGTGGCTGCTGGCTGGCTCTTCTACCGACCGC
TGTGGGCTGCTCTACTCGGCTGCCTGGCTGCTGGTGCCATTATCATTGCACGGACCCGGGTGCCAACCA
AAAGCTGGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001007745
Insert Size:	1203 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:	<u>NM_001007745.1</u> , <u>NP_001007746.1</u>
RefSeq Size:	2886 bp
RefSeq ORF:	1203 bp
Locus ID:	362401
UniProt ID:	<u>Q5XIP9</u>
Cytogenetics:	4q34
Gene Summary:	May have an important role in maintaining nuclear envelope structure by organizing protein complexes at the inner nuclear membrane. Required for retaining emerin at the inner nuclear membrane (By similarity).[UniProtKB/Swiss-Prot Function]