

Product datasheet for **RN209787**

Tmem143 (NM_001107513) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem143 (NM_001107513) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmem143
Synonyms:	RGD1305013
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209787 representing NM_001107513
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACAGTCGCGCGCTGGCTAAGGCTCTGGAAAAGGGCAGGCCATGTTGCATGTGACCTGGGGTCCA
 GGGTCCGAGTATGGTCCCTGGTGCCTGCTCTCCTCGGGACTCCCCGGCTCTGTGTCCTGGAGAACAG
 GATGGGGCGTACCGCAAGATGTGGAACCCCAAGGAGCCCTGCAACTGGGCCAGCAGTACCGCGAGCGC
 TTCATTCCATTCTCCAGGGAGCAGCTGCTCCGCTCCTGATACAGGAGTCCACTCCAGCCAGCAGAGA
 GAGCAGCTTTGGAGGCATTCTCAGCTCATGTGGACTTCTGTACCCTGTCTACTACCATCAGCTCCTGGC
 CAGGCTGCAGGCCTGTATGACCCATTAACCCTGACAGGAAACCCTGGACCAGCCGTCCTTACTGAC
 CCTGAGCGCTGTCCAGTGAGAAGGAAGTCTCCAGGCTCTGAAGCCCTGCTGGCCAGGCCAATTCT
 CTCCTACTCTGAAGATGCCCTGGCCTATGCCTGTGCTCCATACCCTCAGGATGAGGTCCAGGTGAC
 AATAAATTTGGATCAGTATATCTACATACAGTTCTGGGCCTTGGGCCAGAGAGTTGGGCAGATGCCCCAC
 AAGTCCAGTGTGGCTCCAAGCGTGGCTTCTTCAGAAAGTTGCCCTGTGGAGAGGAGATTTCAAGC
 GTGTGGTGTGGCAGCCCGGACGAAAGGAGGGCACCTGGTCTGAAGAGCTTCAAGGACACCCCACTGGA
 GGGCTTAGAGCAGCTGCTGCCGAGCTGAAGGTGCGCACGCCATGATGCAGCGCCCTGCTCAACCTG
 ATGCTGGTGGTCTCGGGCGTTGTGTTCTTCGTCAACGTGGGATGGTGATACTGTCTGACCTCAAGATGG
 CCACCTCCCTGCTGCTGCTCTTCGCTGCCTTCATGGGCATCAGGGCCTCCAAGGTGTTTGGGCAGCG
 CCGTAGCGCCAGGCCCTGGAGCTGGCACACATGCTGTACTATCGAAGCACATCCAACAACCTCAGAACTG
 CTCAGTGCCTGGCTCTCCGAGCACAGGAGGAACACATCAAGGAAGCCCTACTGGCTCACAGCTTCCCTAG
 GTCGCCAGCCAGGGGGCCCCAAGGCACACCTGAAGAGACCTCCAGGTGGCTGCAGTCTGAAGTGGAAAG
 CTGGCTTCTGGCCAGTCAGGCTGTGATGTAACCTTCAATGGACCTCGGGCCCTGGCCCATCTGCAAGCC
 CTGACCCAGCTTTGGATTGTTCCACCACTGAATTGCCACAACCTGGACCCGCTGGTCTTAGGCACTC
 CAGAGGCCCGCAGGCTGCACTGGGTAGTAGTACCCTTACCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107513

Insert Size: 1377 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_001107513.1](#), [NP_001100983.1](#)
RefSeq Size: 1607 bp
RefSeq ORF: 1377 bp
Locus ID: 308593
Cytogenetics: 1q22