

Product datasheet for RN202429

Tmem144 (NM_001108551) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tmem144 (NM_001108551) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tmem144
Synonyms:	RGD1565845
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202429 representing NM_001108551 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACAACAATGCAACAGACCTCACCACGGGCTACCTCTCCTCCGCTGTAGCAATTCTCTATTTGGCT
CCAACCTTTGTACCACTTAAGAAATATGACTGGTATGGGATGTTCTTCAGTGGGTGCTCTGCGCTGC
CATTTGGTTGGTTGCCTTGGTGGTCAACTTGATTCTACTGCGCTAAATTTGGCCTTTTGAATGCTT
GGCGGCTGCATTTGGGCAACAGGGAACATTGCTGTCGTTCCAATTATCAAGACCATCGGTTTGGGCTTG
GAATCTTAATCTGGGGATCATTTAACACCTTAAGTGGCTGGGCAAGCTCCAGGTTTGGCTGGTTGGGAT
GGATGCAGAAGAAGTGTCCAAGCCAATGCTGAATTAATTTGGAGCTGGGCTGTCAGTAGTAAGTGCCTC
ACATTTTTGTTTCGTAAGTGAATTTCAAATAACCCAGGCAGCACGGACACCACCGCTGATGACAG
AACCCGTGATCAACAGAACCAGGCCCTGACTGTGGATTCTCCTGGGTGGACAGACTTTCTACCACATA
CCGCCGATTGTGGGCTGCAGCCTTGGGTAATATCTGGAATACTCTATGGATCTACCTTTGTGCCAATC
ATTTACATCAAGGATCACAGCAAAGGAATGACAGCATATACGCAGGCCAGCCAGTATGATTTAGACT
ACGTTTTCGCGCACTCCAGTGGCATCTTCCTTACAAGCACAGTCTACTTTGTGGCCTACAGTGTAGCCAT
GAAAAGTAGGCCAAAGCTGTATCCAGAGGCAGTCTTACCAGGCTTCCTGTGAGGGGTGCTGTGGCCATC
GCCACCTGCTGCTGGTTCATAGCCAACCACTCACTGAGCGTGTGATCAGCTTTCCCATCATCACTGCTG
GTCTGGACTTATTGCTGCACTTTGGGAATCTTCATGTTCAAGGAAATACAGGGTCTCCAGAACTACTT
ACTACTGATGCTTGCCTTCTGCATCATCTTGGCGGGGCCCTTGTGCACCCGCTTTTCTAAAATTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001108551
Insert Size:	1047 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_001108551.1</u> , <u>NP_001102021.1</u>
RefSeq Size:	2284 bp
RefSeq ORF:	1047 bp
Locus ID:	361968
Cytogenetics:	2q33