

Product datasheet for **RN213405**

Tpcn1 (NM_139332) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tpcn1 (NM_139332) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Tpcn1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN213405 representing NM_139332
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCTCTGTAATTTAGACGACGACGTGCTGCTCATCTGACCTTGGACGAGGAGCTGAGTGCCCGCTGA
CTCCTTCCAACGGCTGGGCCAAGAAGACCTGCCAGCAAAAATGGGGCGGCCAAAGCGCCCAACTC
CCAAGTCCCAAGTCTGGTCTCTGGAGCCGACAGTCCCCCTCCAGTCCCCCGGACACAACCTGGGAGATG
AATTATCAAGAGGACGCAATCTACCTCCAGGAAGGCCAGAACAATGACAAGTTCTTCACCCACCCCAAGG
ATGCCAGAGCGCTGGCTGCCTACCTCTTCGTACACAACCACTTCTTTTATATGATGGAGCTGCTCACAGC
CCTGCTTCTGCTGCTGCTGCTCACTGTGCGAGTACCCCGCTGTCCCTGCGCTCAAGCTCCGAACTTACGTC
CACGCCACCTGGAGCTGTTCCGCCCTCATGGTGGTGGTATTTGAACTCTGCATGAAATTGCGGTGGCTGG
GCTTCCACACATTCGTCAGGCACAAACGCACCATGGTCAAGACGTCTGTTTTGGTGGTGCAGTTCATCGA
GGCCATTGTTGGTCTGGTGGCGGACAGCTCCACGTGCGGGTACCCGGGCACTACGCTGCATTTTCTCTG
GTGGACTGTCGGTACTGTGGTGGCGTGGCGGCAACCTGCGGCAGATCTCCAGTCCGCTGCCGCCTTCA
TGGACATCCTCCTGCTGCTGCTCTTCTTATGATCATCTTCGCCATCCTCGGTTTCTACTTATTCTCTAC
GAACCTTCCGACCTTACTTCAACACCCTGGAGAACAGCATCGTCAACCTGTTTGTCTCTGACCACA
GCCAACTTTCAGACGTCATGATGCCCTCTACTCCCGGAACCCCTGGTCTGTGCTTCTTATCGTGT
ACCTCTCCATTGAGCTGTACTTCATCATGAACCTGCTCCTAGCCGTGGTGTTCGACACCTTCAACGACAT
CGAAAAGCACAAGTTCAGTCTTGTGCTGCATAAGCGAACAGCCATCCAGCACGCATACCACCTGCTC
GTCAGCCAACGGAGGCCCGCCGGCATCTCTACAGGCAGTTTGAAGGCTTGATGCGCTTCTACAAGCCCC
GGATGAGCGCTAGGGAGCGCTTCTGACTTTCAGGCCCTGAATCAGAGCAACACACCTCTGCTTAGCCT
GAAGGACTTCTATGATATTTATGAAGTTGCTGCTGCAAGTGGAAAGGCAAGAAGAACAGACAGCACTGG
TTTGACGAGCTTCCCGGACAGCCTTCTCATCTTCAAAGGGATTAAACATCCTTGTGAATCCAAGGCC
TCCAGTATTTATGATGACCTGGTGGTGGCTGTCAACGGTGTCTGGATCCTAGTGGAGACATTCATGTTGAA
AGGTGGGAATTTATCTCAAAGCACGTGCCCTGGAGTTACCTCGTGTTCCTTACCATCTATGGAGTTGAG
CTGTTTATGAAGTGGCTGGCCTGGGCCCTGTGGAGTACTTGTCTCTGGATGGAACCTGTTGATTTCT
CAGTCACAGCATTTGCCCTCCTGGGACTGCTCGCGCTGACGCTCAACATGGAGCCCTTCTACTTTATTGT
GGTCTGCGTCCCCTTCCAGCTGCTGAGGTTATTCAAGTTGAAGAAACGCTACCGCAATGTGTTGGACACC
ATGTTTGAAGTGTGCCACGAATGGCCAGCCTCGGCCTCACACTGCTCACCTTCTACTACTCTTCCGCA
TCGTGGGCATGGAGTTCTTCCAGTGGGCGACTGTCCCCAACTGCTGCAACTCCAGCACGGTGGCTGACGC
CTATCGATTATCAATCACACGGTGGGCAATAAGACCAAGGTGGAGGAAGGCTACTACTATCTCAATAAC
TTTGACAACATCCTCAACAGCTTTGTGACCTTGTTTGAGCTCACCGTTGTCAACAACCTGGTACATCATCA
TGGAAAGCGTCACCTCGCAGACTTCCCACTGGAGCCGCTGTACTTTCATGACCTTTTACATCGTGACCAT
GGTGGTGTGACCATATCGTGGCCTTATCCTGGAGGCCTTCGTCTTCCGCATGAACTACAGCCGCAAG
AGCCAGGAATCGGAAGTGGACAGTGGCATCGTCATCGAGAAGGAGATGTCCAAGGAGGAGCTTCTGGCCA
TCCTGGAGCTTATCGAGAGGCGGAGGCACCTCTGACATCACCCGGCTGCTCGACACCTCTCTCA
GATGGAGAAATACCAGCAAACTCCATGGTGTTCCTGGGACGGCGATCGAGAACCAAAAGTGACCTGAGC
CTGAAGATGTACCAGGAGGAGATCCAGGAGTGGTACGAGGAGCATGCCCGGGAACAGGAGCAGCAGCAGC
TCAGGGGCAGCGCCCAAGCCCTGCAGCCAGCAGACCCCGGCAGTCGCCAGCGCTCCAGACCGTAC
CTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_139332
Insert Size: 2454 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:	NM_139332.3 , NP_647548.2
RefSeq Size:	4735 bp
RefSeq ORF:	2454 bp
Locus ID:	246215
UniProt ID:	Q9WTN5
Cytogenetics:	12q16
Gene Summary:	two-pore voltage-gated sodium and calcium channel [RGD, Feb 2006]