

Product datasheet for RN217513

Trpm5 (NM_001191896) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trpm5 (NM_001191896) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trpm5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN217513 representing NM_001191896 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGGATCGCC

ATGCCGATGGCCAGAGCTCTTGTCTGGAAGCCCCCAGATACTGGGGATGGATGGGAGCCAGTCTCTAT
GCAAGGGAGAGGTCACCTTCGGAGGGTCTGGGAAAAAGCGAAGCAAGTTGTGAAGTGCCAAGCAATGT
GGCCCCCTCCATGCTCTTTGAACTCCTGCTCACCGAGTGGCACCTGCCAGCCCCAACCTGGTGGTGTCC
CTGGTGGGCGAGGAACGGCTTTTGGCTATGAAGTCTGGCTTCGGGATGTCTTGCACAAGGGGCTGGTGA
AAGCAGCTCAGAGCACAGGTGCCTGGATCCTGACCAGTGCCTCCATGTGGCCTGGCACGCCATGTTGG
ACAGGCTGTACGTGATCACTCTCTGGTACGACGTCCACCAAGGTCGGTGTGGTGGCCATCGGAATGGCC
TCTCTGGACCGAATCCTTACCGCCAATTCTAGATGGTGTCCAGGAGGATACTCCCATCCACTACCCAG
CAGATGAGGGCAGCACTCAGGGACCCCTCTGCCCTCTGGACAGCAATCTCTCCACTTCATCCTCGTGG
GCCAGGCACCCTTGGGAGTGGGAACGACGGACTGGCAGAGCTGCAGCTGAGCCTGGAGAAGCACATCTCT
CAGCAGAGGACAGGTTATGGGGTACCAGCAGCATCCAGATACCTGTCTTTGCTTAGTCAATGGTG
ACCCAGCACCCTAGAGAGGATGTCCAGGGCAGTGGAGCAGGCTGCCCATGGCTGATCCTGGCAGGTTT
TGGGGGATTGCTGATGTACTCGCTGCCCTGGTGGGCCAGCCTCATCTCTGGTGGCCAGGTGACCGAG
AAGCAGTTCAGAGAGAAATCCCAAGCGAGTGTCTCTTGGGAAGCCATTGTACTGAGCAGAGCTGC
TACAGAACATTGCTGCACACCCCACTGCTCACAGTGTACGACTTTGAGCAGGAGGGTCCGAGGACCT
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TGGAGTGAAGTCTGTGACTTGAAGAGGTGATGACAGATGCCCTAGTGAGCAACAAGCCTGACTTCGT
GCGCCTCTTTGTGGACAGTGGTGTGACATGGCCGAGTCTTACCTATGGGCGGCTGCAGCAGCTTTAC
CACTCTGTGTCCCCAAGAGCCTCCTCTTTGAACTGCTGGAGCGTAAGCATGAGGAGGGTCGGCTGACAC
TGGCTGGCCTGGGTGCCAGCAGACCCGGGAGCTGCCCGTTGGTCTGCCTGCTTTTCACTCCATGAGGT
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GAGAGAGGGCCACCAAGCGCCTGCAGGCCAGAAATGGCTGCCGACCTCAGTCGGAAGAGTGAAGACC
CATGGAGGGACCTGTTCTTTGGGCTGTGCTGCAGAACCCTTATGAGATGGCCACATACTTCTGGGCCAT
GGGCCGGGAGGTGTGGCTGCTGCTGGCGCCCTGCAAGATCATCAAGGAAATGTCCACCTGGAGAAA



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GAGGCAGAGGTGGCCCGCACTATGCGTGAGGCCAAGTATGAGCAGCTGGCCCTCGATCTTTTCTCAGAGT
 GCTACAGCAACAGTGAGGACCGTGCCTTTGCCCTGTTGGTGCGCAGGAACCACAGCTGGAGCAGGACCAC
 CTGCCTGCACCTGGCCACTGAGGCCGATGCCAAGGCCCTCTTTGCCCATGATGGTGTGCAAGCATTCCCTG
 ACGAAGATCTGGTGGGGAGACATGGCCACAGGCACACCCATCTTACGACTTCTGGGTGCCTTACCTGCC
 CAGCCCTCATCTACAAATCTCATCTCCTTCACTGAGGATGCCCCGAGAGGATGGACCTGGAAGATCT
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 TCTGGGGCGCTCCTGTGACTGTGTTCTTGGGGAATGTGGTCATGTAATTTGCATTCTTCTTCTATTCTC
 CTACGTCCTGCTGGTGGATTTCAGGCCACCACCCAGGGCCATCTGGGTCGGAAGTTACCTGTATTTT
 TGGGTCTTCACTGCTGGAGGAAATCCGACAGGGATTCTTCAAAACGAGGACACCCGCTGGTGA
 AGAAGTTCCTGTACGTAGAAGACAAGTGAACAAATGTGACATGGTGGCCATCTTCTGTTCATTGT
 TGGTGTCACTGTAGAATGGTGCCTCCGTGTTTGGGCTGGCCGGACTGTTCTGGCCATTGACTTCATG
 GTGTTCACTTCGGCTCATCCACATCTTGTATTACAAGCAGCTGGGCTTAAGATCATATTGTAG
 AGCGGATGATGAAAGATGCTTCTTCTTCTTCTTCTGAGCGTGTGGCTCGTGGCCTATGGCGTGAC
 CACTCAGGCCCTGCTGCACCCACGATGGCCGTCTGGAGTGGATTTTCCGCCGTGTGCTTACAGGCCCT
 TACCTGCAGATCTTTGGGCAAATCCCTCTGGATGAAATTGATGAGCCCGTGTGAACTGCTCTTCCACC
 CGTTGCTGCTGGACAGCTCAGCTTCTGCCCTAATCTCTATGCCAACTGGCTGGTCACTTCTCTGCTGGT
 TACCTTCTCTCGTCACTAATGTGCTACTTATGAACCTTCTGATCGCCATGTTCACTACACATCCAG
 GTGGTGCAGGGCAATGCAGACATGTTCTGGAAGTTTCAACGCTACCACCTCATCGTTGAATACCACGGAA
 GGCCGGCTCTGGCCCCGCCCTTCTCCTGCTCAGCCACCTGAGCCTGGTGTCAAGCAGGTCTTCAAGAA
 GGAAGCCAGCACAAACAGCAACACCTGGAGAGAGACTTGCTGACCCCGTGGACCAGAAGATCATTACC
 TGGGAAACAGTTCAAAGGAGAAGTCTCTGAGTACCATGGAGAAACGGAGGAGGGACAGTGGAGGAGG
 TGCTGAGGAAAACGGCACACAGAGTGGACTTGATTGCCAAATACATCGGGGTCTGAGAGACAAGAAAA
 GAGGATCAAGTGTCTGGAGTACAGGCCAACTACTGTATGCTCCTTGTCTCCATGACTGACACACTG
 GCTCCTGGAGGCACCTACTCAAGTTCTCAAACCTGTGGTTCGAGGAGTACAGCCAGCCTCTGCTAGAGACA
 GGGAGTACCTAGAGGCTGGCTTCCACACTCAGACACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001191896
- Insert Size:** 3471 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001191896.1, NP_001178825.1

RefSeq Size: 3471 bp

RefSeq ORF: 3471 bp

Locus ID: 365391

Cytogenetics: 1q42