

Product datasheet for **MC222852**

Trpm3 (NM_001035244) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trpm3 (NM_001035244) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trpm3
Synonyms:	6330504P12Rik; 9330180E14; AU018608; B930001P07Rik; LTRPC3; MLSN2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222852 representing NM_001035244
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTATGTCCGAGTATCTTTTGATACGAAACCTGATCTCTTGCTACACCTGATGACCAAGGAATGGCAAC
 TGGAGCTTCCCAAACCTTCTCATCTCCGTGCACGGAGGGCTGCAGAACTTTGAACTCCAGCCCAAACCTCAA
 GCAAGTCTTCGGGAAGGGGCTCATCAAAGCAGCCATGACAACCTGGAGCCTGGATCTTCACTGGAGGGGTC
 AACACAGGTGTCAATTCGTCATGTTGGAGATGCCTTGAAGACCATGCATCTAAGTCTCGAGGGAAGATAT
 GTACCATAGGTATCGCCCCCTGGGGAATTGTGGAAAACAGGAAGACCTGATTGGAAGAGATGTAGTCCG
 ACCATACCAGACCATGTCCAATCCTATGAGCAAGCTCACCGTTCTCAATAGCATGCACTCCCACTTCATC
 CTGGCTGACAATGGGACCACGGGAAATACGGAGCAGAGGTGAACTCCGCAGACAACCTGGAAAAGCACA
 TTTCACTCCAGAAGATAAACACAAGATGCCTGCCGTTTTCTCTTTGACTCCCGCTTGTTTTATTCATT
 TTGGGGTAGTTGCCAATTAGACCAATTGGAATCGGTCAAGGGGTTCCAGTGGTGGCTCTCATCGTGGAA
 GGAGGACCAATGTGATCTCAATTGTTTTGGAATACCTTCGAGACACCCCTCCTGTACCAGTCGTGGTCT
 GTGATGGGAGTGGACGGGCATCCGACATCCTGGCATTGGGCATAAATATTCAGAAGAAGCGGACTTAT
 CAATGAATCTTTGAGGGACAGCTGTTGGTGACAATACAGAAGACCTTCACGTACACTCGAACCCAAAGCT
 CAGCACCTGTTTCATCCTCATGGAATGCATGAAGAAGAAGGAAGTGCATCAGTGTTCGAATGGGGT
 CAGAAGGCCACCAGGACATTGATTTAGCTATCCTGACAGCATTACTCAAAGGTGCCAATGCATCCGCCCC
 AGACCAACTGAGCTTAGCTTTAGCCTGGAACAGAGTTGACATCGCTCGCAGCCAGATCTTATTTACGGG
 CAGCAGTGGCCGGTAGGGTCCCTGGAGCAAGCCATGCTGGATGCCCTAGTCTGGACAGATGGATTTTG
 TGAAATTACTCATAGAAAATGGAAGACATGGGCCCTCAAATACATTGTACCACTTGGTCAGGGATGTCAA
 AAAGGGAAACCTGCCCCCGACTACAGAATCAGCCTGATAGACATTGGCCTGGTGTGATCGAGTACCTGATG
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 AAAGGGATGATATTCCCTTGAGGAGAGGACGGAAGACAATAAGAAGCGTGAGGAAGAGGTGGACATCGA
 CTTGGATGATCCTGAGATCAACCACTTTCCATTCCTTCCATGAGCTGATGGTGTGGGCGCTCCTCATG
 AAGAGACAAAAGATGGCCCTGTTCTTCTGGCAACCGGAGAGGAGCCATGGCCAAAGCCCTGGTGGCT
 GCAAGCTCTGCAAGGCCATGGCTCACGAGGCTTCTGAGAATGACATGGTCGATGACATTTCCAGGAGCT
 GAACCACAACCTCAGGGACTTTGGCCAGCTGGCTGTGGAGCTCCTGGACCAGTCTACAACAGGATGAG
 CAGCTGGCCATGAAGCTGCTGACGTATGAGCTGAAGAAGTGGAGTAATGCCACATGCCTGCAGCTGGCTG
 TGGCTGCCAAGCACCGTACTTCAATGCACACAGTGCAGCCAGATGTTACTTACTGACATGTGGATGGG
 ACGGCTCCGGATGAGAAAGAACTCAGGCCTCAAGGTAATTCTGGGAATTCTACTTCTCCTTCAATTCTC
 AGCTTGGAGTTCAAGAACAAAGATGACATGCCCTATATGACTCAGGCCAGGAGATTCATCTCCAAGAGA
 AGGAGCCGGAGGACCCAGAGAAGCCACAAGGAAAAAGATGAAGAGGACATGGAGCTAACAGCAATGTT
 GGGGCGAAGCAATGGGAATCATCCAGAAAAGAAAGATGAAGAAGAAGTTCAAAGCAGGCACCGGCTAATC
 CCCGTGGGCCGAAAAATCTATGAGTTCTACAACGCACCCATCGTGAAGTTCTGGTTCTACTCTGGCGT
 ATATTGGATACCTGATGCTCTTCAACTACATCGTGTAGTGAAGATGGAGCGCTGGCCTTCACTCAGGA
 ATGGATTGTCATCTCCTACATTTTCACTCTGGGAATAGAGAAGATGAGAGAGATCCTGATGTCGGAGCCG
 GGCAAGCTGCTGCAGAAGGTGAAGGTGTGGCTTCAAGAGTACTGGAACGTCACAGACCTCATCGCCATCC
 TTCTCTTCTCGGTGGGAATGATCCTTCTTCAAGATCAGCCCTTCAAGAGTGACGGGAGGTCATCTA
 CTGTGTGAACATCATTTATTGGTATATCCGTTTGTGGACATCTTCGGCGTGAACAAGTATCTGGGCCCA
 TATGTGATGATGATTGGGAAAATGATGATAGACATGATGTACTTTGTCATCATTATGCTGGTGGTGTGTA
 TGAGCTTTGGGTCGCCAGGCAAGCCATTCTTTCCCAATGAGGAGCCATCTTGGAAAACCTGGCCAAAGAA
 TATCTTACATGCCTTATTGGATGATTTATGGGAAAGTGTGGTGTGACCAGATAGACCGTAAGCAAGTT
 TATGATTCTCATACCAAAGTCAGGTATTTAACTTCAATTGAGTCACGTCTTTTCCAAGTCCATTTGT
 TTGTCCTCAATAAATGGCTCAAGATAGAGGACCGATTCTAGTTGCTATCTTGGTGGAGACAATCACTG
 CAGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001035244
Insert Size:	2877 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_001035244.1</u> , <u>NP_001030321.1</u>
RefSeq Size:	3653 bp
RefSeq ORF:	2877 bp
Locus ID:	226025
Cytogenetics:	19 B