

Product datasheet for **MC224290**

Trpm3 (NM_177341) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Trpm3 (NM_177341) Mouse Untagged Clone
Tag: Tag Free
Symbol: Trpm3
Synonyms: 6330504P12Rik; 9330180E14; AU018608; B930001P07Rik; LTRPC3; MLSN2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224290 representing NM_177341
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCAGGGCCGTGGGGACCGTTTATTTCTAGGCACTGCCAGATTTGCAGTTTCTTGTCTTCCCGT
 GGAATTTGGAAGGGTTCATGAATCAGACTGATGCTTCTCGACCCCTAAATGGACCATCCGGAAGCTATG
 CCACGCAGCCTTTCTCCATCTGTCAGACTTCTCAAGGCTCAGAAATCCTGGATTGAAAGAGCATTAT
 AAAAGAGAATGTGTTACATCATACCGAGCACAAAGACCCCATAGGTGTTGCTGTGGACGCCTCATAG
 GCCAGCATGTTGGACTCACTCCCAGTATCTCTGTGCTTCAAGTGAAGAAAATGAGAGTCGCCCTCTCCCG
 AAATGACATCCAGTCTGAGAAGTGGTCTATCAGCAAACACTCAGCTCAGCCCAACAGACGCTTTTGGG
 ACCATTGAGTTCCAAGGAGGTGGCCATTCCAACAAAGCTATGTATGTCGAGTATCTTTTGATACGAAAC
 CTGATCTCTTGCTACACCTGATGACCAAGGAATGGCAACTGGAGCTTCCCAAATCTCATCTCCGTGCA
 CGGAGGGCTGCAGAACTTGAATCCAGCCAACTCAAGCAAGTCTTCGGAAGGGGCTCATCAAAGCA
 GCCATGACAACTGGAGCCTGGATCTTCACTGGAGGGTCAACACAGGTGTCATTCGTCATGTTGGAGATG
 CTTGAAAGACCATGCATCTAAGTCTCGAGGGAAGATATGTACCATAGGTATCGCCCTGGGGAATTGT
 GGAAAACAGGAAGACCTGATTGGAAGAGATGTAGTCCGACCATACCAGACCATGTCCAATCCTATGAGC
 AAGCTCACCGTTCTCAATAGCATGCACTCCCACTTCATCCTGGCTGACAATGGGACCACGGGAAATACG
 GAGCAGAGGTGAACTCCGCAGACAACGGAAAAGCACATTTCACTCCAGAAGATAAACACAAGAATCGG
 TCAAGGGGTTCCAGTGGTGGCTCTCATCGTGGAAGGAGGACCAATGTGATCTCAATTGTTTGGAAATC
 TTTCGAGACACCCTCCTGTACCAGTCGTGGTCTGTGATGGGAGTGACGGGCATCCGACATCCTGGCAT
 TTGGGCATAAATATTCAGAAGAAGCGGACTTATCAATGAATCTTGAGGGACCAGCTGTTGGTGACAT
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 TGACATCGCTCGCAGCCAGATCTTTATTTACGGGCAGCAGTGGCCGGTAGGGTCCCTGGAGCAAGCCATG
 CTGGATGCCCTAGTCTGGACAGAGTGGATTTTGTGAAATTACTCATAGAAAATGGAGTAAGCATGCACC



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GTTTTCTCACCATCTCCAGACTAGAGGAACTGTACAATACGAGACATGGGCCCTCAAATACATTGTACCA
 CTTGGTCAGGGATGTCAAAAAGCGAGAGTATCCAGGTTTCGGTTGGATCTATTTTAAAGGAAACCTGCC
 CCGGACTACAGAAATCAGCCTGATAGACATTGGCCTGGTATCGAGTACCTGATGGGCGGGGCTTACCCT
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 GAAACTGCTGGGAATGGAGGATGATATCCCTTGAGGAGAGGACGGAAGACAACAAAGAAGCGTGAGGAA
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 GGGCCGCTCATGAAGAGACAAAAGATGGCCCTGTTCTTCTGGCAACACGGAGAGGGCCATGGCCAA
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 ATTTCCAGGAGCTGAACCACAACCTCCAGGACTTTGGCCAGCTGGCTGTGGAGCTCCTGGACCAGTCTT
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 CTCCTTCAATTCTCAGCTTGGAGTTCAAGAACAAGATGACATGCCCTATATGACTCAGGCCAGGAGAT
 TCATCTCCAAGAGAAGGAGCCGGAGGAGCCAGAGAAGCCACAAGGAAAAGATGAAGAGGACATGGAG
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 CTACACTCTGGCGTATATTGGATACCTGATGCTCTTCAACTACATCGTGTAGTGAAGATGGAGCGCTGG
 CCTTCCACTCAGGAATGGATTGTCATCTCTACATTTTCACTCTGGGAATAGAGAAGATGAGAGAGATCC
 TGATGTGCGGAGCCGGCAAGCTGCTGCAGAAGGTGAAGGTGTGGCTTCCAGGAGTACTGGAACGTCACAGA
 CCTCATCGCCATCCTTCTTCTCGGTGGGAATGATCCTTCGCTTCAAGATCAGCCCTTCCAGGAGTGAC
 GGGAGGGTCATCTACTGTGTAACATCATTATTGGTATATCCGTTTGTGGACATCTTCGGCGTGAACA
 AGTATCTGGGCCATATGTGATGATGATTGGGAAAATGATGATAGACATGATGACTTTGTATCATTAT
 GCTGGTGGTCTGATGAGCTTTGGGGTCGCCAGGCAAGCATTCTTTTCCAATGAGGAGCCATTTGG
 AAACGGCCAAGAATATCTTCTACATGCCCTATTGGATGATTTATGGGGAAGTGTGCTGACCAGATAG
 ACCCTCCCTGTGGACAGAATGAGACCCGAGAGGATGGCAAGACAATCCAGCTGCCCCATGCAAGACAGG
 AGCATGGATTGTCCCGCCATCATGGCCTGCTACCTCTTGGTGGCGAACATCCTTCTGGTCAACCTCCTT
 ATTGCCGCTTCAACAATACATTTTTTGGAGTCAAGTCGATATCCAACCAAGTATGGAAATTTCCAGAGGT
 ACCAGCTCATGACTTTCACGAGAGGCGGTTCTGCCCCACCGCTCATCTTCCAGTACATGAC
 CATGATCTTCCAGCATGTGTGCTGCCGGTGGAGGAAGCATGAGAGTGACCAGGACGAAAGGGACTACGGC
 CTGAAACTCTTCAACTGACGATGAGCTCAAGAAAGTACACGATTTTGAAGAGCAGTGCATAGAGGAAT
 ATTTCCGAGAGAAGGATGATCGCTTCAATTCGTCCAACGATGAGAGGATACGTGTTACATCAGAAAAGGT
 GGAGAACATGTCCATGAGGCTGGAGGAAGTTAATGAGAGAGAACATTCCATGAAGCTTCACTCCAGACC
 GTGGACATCCGGCTAGCACAGCTAGAGGACCTCATCGGGCGCATGGCCACCGCCCTGGAGCGCCTGACTG
 GTCTGGAGCGGGCAGAGTCTAACAAAATCCGCTCAAGGACCTCCTCAGACTGCACAGATGCAGCCTACAT
 CGTCCGCCAGAGCAGCTTCAACAGCCAGGAAGGGAACACCTTCAAACCTTCAAGAGAGTATAGACCCTGCA
 GAACATCCTTTTTATTTCAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_177341

Insert Size:

4014 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_177341.4, NP_796315.2

RefSeq Size: 5157 bp

RefSeq ORF: 4014 bp

Locus ID: 226025

Cytogenetics: 19 B