

## Product datasheet for **MC224861**

### Trpm3 (NM\_001035241) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Trpm3 (NM\_001035241) 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:** >MC224861 representing NM\_001035241  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGGCAAGAAGTGGAGGGATGCGGGCGAGCTGGAGAGAGTTGCTCTGACCGCGAGGACAGCGCAGAGA  
 GCCGCAGGCGCAGCCGCAGCGCCAGCCGGGCGAGTTTGGCGAGTCGTGAAAAGGTTAAGTTCCAAGCA  
 GGGGTCCACCAAGCGCTCGGGACTGCCGGCACAGCAGACACCGGCTCAGAAATCCTGGATTGAAAGAGCA  
 TTTTATAAAAGAGAATGTGTTACATCATACCGAGCACCAAGACCCCATAGGTGTTGCTGGAGCGCC  
 TCATAGGCCAGCATGTTGGACTCACTCCAGTATCTCTGTGCTTCAAGATGAGAAAAATGAGAGTCGCT  
 CTCCCGAAATGACATCCAGTCTGAGAAGTGGTCTATCAGCAAACACACTCAGCTCAGCCCAACAGACGCT  
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 CGAAACCTGATCTCTTGCTACACCTGATGACCAAGGAATGGCAACTGGAGCTTCCCAAATCTCATCTC  
 CGTGCACGGAGGGCTGCAGAACTTTGAAGTCCAGCCAACTCAAGCAAGTCTTCGGGAAGGGGCTCATC  
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 GAGATGCCTTGAAGACCATGCATCTAAGTCTCGAGGGAAGATATGTACCATAGGTATCGCCCCCTGGGG  
 AATTGTGAAAACAGGAAGACCTGATTGGAAGAGATGTAGTCCGACCATACCAGACCATGTCCAATCCT  
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 GAATACCTTCGAGACACCCCTCCTGTACCAGTCGTGGTCTGTGATGGGAGTGGACGGGCATCCGACATCC  
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 GACAATACAGAAGACCTTACGTACACTCGAACCAAGCTCAGCACCTGTTTCATCATCCTCATGGAATGC  
 ATGAAGAAGAAGAACTGATCACAGTGTTCGAATGGGGTCAGAAGGCCACCAGGACATTGATTTAGCTA  
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 CAGAGTTGACATCGCTCGCAGCCAGATCTTTATTTACGGGCAGCAGTGGCCGGTAGGGTCCCTGGAGCAA  
 GCCATGCTGGATGCCCTAGTCTGGACAGAGTGGATTTGTGAAATTACTCATAGAAAATGGAGTAAGCA



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TGCACCGTTTTCTCACCATCTCCAGACTAGAGGAAGTGTACAATACGAGACATGGGCCCTCAAATACATT  
 GTACCACTTGGTCAGGGATGTCAAAAAGCGAGAGTATCCAGGTTTCGGTTGGATCTATTTAAGGAAAC  
 CTGCCCCGGACTACAGAATCAGCCTGATAGACATTGGCCTGGTATCGAGTACCTGATGGGCGGGGCTT  
 ACCGCTGCAACTACACGCGCAAGCGCTTTCGGACCCTCTACCACAATCTCTTTGGCCCCAAAAGGGATGA  
 TATTCCTTGAGGAGAGGACGGAAGACAATAAGAAGCGTGAGGAAGAGGTGGACATCGACTTGGATGAT  
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 GCCTGTACCTTGTGGCGAACATCCTTCTGGTCAACCTCCTTATTGCCGTCTTCAACAATACATTT  
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 GAGCTCAAGAAAGTACACGATTTTGAAGAGCAGTGCATAGAGGAATTTCCGAGAGAAGGATGATCGCT  
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 GAGGACCTCATCGGGCGCATGGCCACCGCCTGGAGCGCCTGACTGGTCTGGAGCGGGCAGAGTCTAACA  
 AAATCCGCTCAAGGACCTCCTCAGACTGCACAGATGCAGCCTACATCGTCCGCCAGAGCAGCTTCAACAG  
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 TCTCCAACCTTAATGCCCGTATGCGAAGCCATCTTTCTATTAGTCAATGTGAAAGACAAGGTGGGA  
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 AGCCAAAGAACCCAAAGCTCTGCAGCCCTGCAAACACCTTGGCCATTGTTCTGACTCCAGAAGACCA  
 TCATCTTGATAGACATCTATGTCTCTGCCATGGACGAGCTCCACTGTGATATAGAGCCTCTGGATAATT  
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 TGCTATGCAACGCTCGCACCTACAGACCGACCTCCCAGTAGGAGCATTGATTTTGAAGACCTCACCTCC  
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 CTCCAACGTACCATACCATCGAGCGTTCGAAGAGTAGCCGCTACCTAGCCACCACGCCCTTCTTCTGGA  
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 AAGCAATAGCTGACCGAGCCACCTTCCCTGGAGGTCTCGGAGACAAAGTGAAGATTTATCTTGTGCCA  
 CCCTGAGCGAGAAGCAGAGCTGAGCCATCTAGCTCTGACAGTGAGGAAAATGAGGCCAGAGGCCAGAGA  
 GCTGCCAATCCGATATCCTCTCAGGAGGCTGAAAATGCAGACAGAACCCTATCCAACAACATCACAGTTC  
 CCAAGATAGAGCGGCCAACAGCTACTCAGCAGAGGAGCCAAACGTGCCATATGCACATACCAGAAAGAG  
 CTTCTCCATCAGTGACAAGCTTGATAGACAGAGGAACACGGCGAGCCTCCGAAATCCCTTCCAGAGAAGT  
 AAGTCTCCAAGCCGGAGGGCCGAGGGACAGCCTATCCATGAGGAGACTGTCTAGAACATCGGCCCTTTC  
 ATAGCTTTGAAAGCAAGCACAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001035241

**Insert Size:** 5136 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\_001035241.2, NP\_001030318.1

**RefSeq Size:** 6712 bp

**RefSeq ORF:** 5136 bp

**Locus ID:** 226025

**Cytogenetics:** 19 B