

Product datasheet for **MC224840**

Trpm3 (NM_001035243) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trpm3 (NM_001035243) 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:	>MC224840 representing NM_001035243 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCAAGAAGTGGAGGGATGCGGGCGAGCTGGAGAGAGTTGCTCTGACCGCGAGGACAGCGCAGAGA
GCCGCAGGCGCAGCCGCAGCGCCAGCCGGGCGAGTTTGGCCGAGTCGTGAAAAGGTTAAGTTCCAAGCA
GGGGTCCACCAAGCGCTCGGGACTGCCGGCACAGCAGACACCGGCTCAGAAATCCTGGATTGAAAGAGCA
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TCATAGGCCAGCATGTTGGACTCACTCCAGTATCTCTGTGCTTCAAGTATGAGAAAAATGAGAGTCGCT
CTCCCGAAATGACATCCAGTCTGAGAAGTGGTCTATCAGCAAACACACTCAGCTCAGCCCAACAGACGCT
TTTGGGACATTGAGTTCCAAGGAGGTGGCCATCCAACAAGCTATGTATGTCCGAGTATCTTTTGATA
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CAGAGTTGACATCGCTCGCAGCCAGATCTTTATTTACGGGCAGCAGTGGCCGGTAGGGTCCCTGGAGCAA
GCCATGCTGGATGCCCTAGTCTGGACAGAGTGGATTTGTGAAATTAATCATAGAAAATGGAGTAAGCA



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TGCACCGTTTTCTCACCATCTCCAGACTAGAGGAAGTGTACAATACGAGACATGGGCCCTCAAATACATT
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 CGCCTGACTGGTCTGGAGCGGGCAGAGTCTAACAAAATCCGCTCAAGGACCTCCTCAGACTGCACAGATG
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 GACTGTATCGACACAAGATGTGCAATGCCCCCAAGCAATAGCTGACCGAGCCACCTTCCCTGGAGGTC
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 AGCCAAACGTGCCATATGCACATACCAGAAAGAGCTTCTCCATCAGTGACAAGCTTGATAGACAGAGGAA
 CACGGCGAGCCTCCGAAATCCCTTCCAGAGAAGTAAGTCTCCAAGCCGAGGGCCGAGGGGACAGCCTA
 TCCATGAGGAGACTGTCTAGAACATCGGCCTTTCATAGCTTTGAAAGCAAGCACAACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001035243
Insert Size:	5100 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_001035243.2, NP_001030320.1</u>
RefSeq Size:	6676 bp
RefSeq ORF:	5100 bp
Locus ID:	226025
Cytogenetics:	19 B