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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC224290 representing NM_177341
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCAGGGCCGTGGGGGACCGTTTATTTTCTAGGCACTGCCCAGATTTGCAGTTTCTTGTCTTCCCGGT
GGAATTTGGAAGGGGTCATGAATCAGACTGATGCTTCTCGACCCCTAAATTGGACCATCCGGAAGCTATG
CCACGCAGCCTTTCTCCCATCTGTCAGACTTCTCAAGGCTCAGAAATCCTGGATTGAAAGAGCATTTTAT
AAAAGAGAATGTGTTCACATCATACCGAGCACCAAAGACCCCCATAGGTGTTGCTGTGGACGCCTCATAG
GCCAGCATGTTGGACTCACTCCCAGTATCTCTGTGCTTCAGAATGAGAAAAATGAGAGTCGCCTCTCCCG
AAATGACATCCAGTCTGAGAAGTGGTCTATCAGCAAACACACTCAGCTCAGCCCAACAGACGCTTTTGGG
ACCATTGAGTTCCAAGGAGGTGGCCATTCCAACAAAGCTATGTATGTCCGAGTATCTTTTGATACGAAAC
CTGATCTCTTGCTACACCTGATGACCAAGGAATGGCAACTGGAGCTTCCCAAACTTCTCATCTCCGTGCA
CGGAGGGCTGCAGAACTTTGAACTCCAGCCCAAACTCAAGCAAGTCTTCGGGAAGGGGCTCATCAAAGCA
GCCATGACAACTGGAGCCTGGATCTTCACTGGAGGGGTCAACACAGGTGTCATTCGTCATGTTGGAGATG
CCTTGAAAGACCATGCATCTAAGTCTCGAGGGAAGATATGTACCATAGGTATCGCCCCCTGGGGAATTGT
GGAAAACCAGGAAGACCTGATTGGAAGAGATGTAGTCCGACCATACCAGACCATGTCCAATCCTATGAGC
AAGCTCACCGTTCTCAATAGCATGCACTCCCACTTCATCCTGGCTGACAATGGGACCACGGGGAAATACG
GAGCAGAGGTGAAACTCCGCAGACAACTGGAAAAGCACATTTCACTCCAGAAGATAAACACAAGAATCGG
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TTGGGCATAAATATTCAGAAGAAGGCGGACTTATCAATGAATCTTTGAGGGACCAGCTGTTGGTGACAAT
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CAGCATTACTCAAAGGTGCCAATGCATCCGCCCCAGACCAACTGAGCTTAGCTTTAGCCTGGAACAGAGT
TGACATCGCTCGCAGCCAGATCTTTATTTACGGGCAGCAGTGGCCGGTAGGGTCCCTGGAGCAAGCCATG
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CTGGATGCCCTAGTCCTGGACAGAGTGGATTTTGTGAAATTACTCATAGAAAATGGAGTAAGCATGCACC
GTTTTCTCACCATCTCCAGACTAGAGGAACTGTACAATACGAGACATGGGCCCTCAAATACATTGTACCA
CTTGGTCAGGGATGTCAAAAAGCGAGAGTATCCAGGTTTCGGTTGGATCTATTTTAAGGGAAACCTGCCC
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GAGGTGGACATCGACTTGGATGATCCTGAGATCAACCACTTTCCATTCCCCTTCCATGAGCTGATGGTGT
GGGCCGTCCTCATGAAGAGACAAAAGATGGCCCTGTTCTTCTGGCAACACGGAGAGGAGGCCATGGCCAA
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ATTTCCCAGGAGCTGAACCACAACTCCAGGGACTTTGGCCAGCTGGCTGTGGAGCTCCTGGACCAGTCCT
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CCTGCAGCTGGCTGTGGCTGCCAAGCACCGTGACTTCATTGCACACACGTGCAGCCAGATGTTACTTACT
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GGCACCGGCTAATCCCCGTGGGCCGAAAAATCTATGAGTTCTACAACGCACCCATCGTGAAGTTCTGGTT
CTACACTCTGGCGTATATTGGATACCTGATGCTCTTCAACTACATCGTGTTAGTGAAGATGGAGCGCTGG
CCTTCCACTCAGGAATGGATTGTCATCTCCTACATTTTCACTCTGGGAATAGAGAAGATGAGAGAGATCC
TGATGTCGGAGCCGGGCAAGCTGCTGCAGAAGGTGAAGGTGTGGCTTCAGGAGTACTGGAACGTCACAGA
CCTCATCGCCATCCTTCTCTTCTCGGTGGGAATGATCCTTCGTCTTCAAGATCAGCCCTTCAGGAGTGAC
GGGAGGGTCATCTACTGTGTGAACATCATTTATTGGTATATCCGTTTGCTGGACATCTTCGGCGTGAACA
AGTATCTGGGCCCATATGTGATGATGATTGGGAAAATGATGATAGACATGATGTACTTTGTCATCATTAT
GCTGGTGGTGCTGATGAGCTTTGGGGTCGCCAGGCAAGCCATTCTCTTTCCCAATGAGGAGCCATCTTGG
AAACTGGCCAAGAATATCTTCTACATGCCTTATTGGATGATTTATGGGGAAGTGTTTGCTGACCAGATAG
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ATTGCCGTCTTCAACAATACATTTTTTGAGGTCAAGTCGATATCCAACCAAGTATGGAAATTTCAGAGGT
ACCAGCTCATCATGACTTTCCACGAGAGGCCGGTTCTGCCCCCACCGCTCATCATCTTCAGTCACATGAC
CATGATCTTCCAGCATGTGTGCTGCCGGTGGAGGAAGCATGAGAGTGACCAGGACGAAAGGGACTACGGC
CTGAAACTCTTCATAACTGACGATGAGCTCAAGAAAGTACACGATTTTGAAGAGCAGTGCATAGAGGAAT
ATTTCCGAGAGAAGGATGATCGCTTCAATTCGTCCAACGATGAGAGGATACGTGTTACATCAGAAAGGGT
GGAGAACATGTCCATGAGGCTGGAGGAAGTTAATGAGAGAGAACATTCCATGAAGGCTTCACTCCAGACC
GTGGACATCCGGCTAGCACAGCTAGAGGACCTCATCGGGCGCATGGCCACCGCCCTGGAGCGCCTGACTG
GTCTGGAGCGGGCAGAGTCTAACAAAATCCGCTCAAGGACCTCCTCAGACTGCACAGATGCAGCCTACAT
CGTCCGCCAGAGCAGCTTCAACAGCCAGGAAGGGAACACCTTCAAACTTCAAGAGAGTATAGACCCTGCA
GAACATCCTTTTTATTCAGTATAA

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).

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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

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