

Product datasheet for **MG224626**

Trpm3 (NM_001035239) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Trpm3 (NM_001035239) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Trpm3
Synonyms: 6330504P12Rik; 9330180E14; AU018608; B930001P07Rik; LTRPC3; MLSN2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG224626 representing NM_001035239
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGGGCAAGAAGTGGAGGGATGCGGGCAGCTGGAGAGAGTTGCTCTGACCGCAGGACAGCGCAGAGA
 GCCGCAGGCGCAGCCGACGCGCCAGCCGGGGCAGGTTTCCGAGTCGTGGAAAAGTTAAGTTCCAAGCA
 GGGGTCCACCAAGCGCTCGGGACTGCCGGCACAGCAGACACCGGCTCAGAAATCTGGATTGAAAGAGCA
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 CTCCCGAAATGACATCCAGTCTGAGAAGTGGTCTATCAGCAAACACACTCAGCTCAGCCCAACAGACGCT
 TTTGGGACCATTGAGTTCCAAGGAGGTGGCCATTTCCAACAAAGCTATGTATGTCCGAGTATCTTTTGATA
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 CGTGCACGGAGGGCTGCAGAAGTTGAACTCCAGCCAAACTCAAGCAAGTCTTCGGGAAGGGGCTCATC
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GCCATGCTGGATGCCCTAGTCTGGACAGAGTGGATTTTGTGAAATTACTCATAGAAAATGGAGTAAGCA
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 AAACGTGCCATATGCACATACCAGAAAGAGCTTCTCCATCAGTGACAAGCTTGTATAGACAGAGGAACAG
 CGGAGCCTCCGAAATCCCTTCCAGAGAAGTAAGTCTCCAAGCCGGAGGGCCGAGGGGACAGCCTATCCA

TGAGGAGACTGTCTAGAACATCGGCCTTTCATAGCTTTGAAAGCAAGCACAAAC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG224626 representing NM_001035239

Red=Cloning site Green=Tags(s)

MGKKWRDAGELERGCSDREDSAESRRRSRSASRGRFAESWKRLSSKQGSTKRSGLPAQQTTPAQKSWIERA
 FYKRECVHIIPSTKDPHRCCCGRLIGQHVLTPSISVLQNEKNESRLSRNDIQSEKWSISKHTQLSPTDA
 FGTIEFQGGGHSNKAMYVRVSFDTKPDLLLHLMTKEWQLELPKLLISVHGGLQNFELQPKLKQVFGKGLI
 KAAMTTGAWIFTGGVNTGVIRHVGDAKDHASKSRGKICTIGIAPWGIVENQEDLIGRDVVRPYQTSNPN
 MSKLTVLNSMHSFILADNGTTGKYGAEVKLRQLEKHISLQKINTRIGQGVVVALIVEGGPNVISIVL
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 AMLDALVLDREVDFVKKLLIENGVSMSRFLTISRLEELYNTRHGPSNTLYHLVRDVKKGNLPPDYRISLIDI
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 INHFPPPFHELMVWAVLMKRQKMAFFWQHGEEMAKALVACKLCKAMAHEASENDMVDISQELNHNRSR
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 KNSGLKVLGILLPPSILSLEFKNKDDMPYMTQAQEIHLQEKEPEEPEKPTKEKDEEDMELTAMLRNSG
 ESSRKKDEEEVQSRHRLIPVGRKIYEFYNAPIVKFWFYTLAYIGYLMFNIVLVKMERWPSTQEWIVIS
 YIFTLGIEKMREILMSEPGKLLQKVKVWLQEYWNVTDLIAILLFSVGMILRLQDQPFSDGRVIYCVNII
 YWYIRLLDIFGVNKYLGYPVMMIGKMMIDMMYFVIIMLVVLSFGVARQAILFPNEEPSWKLAKNIFYMP
 YWMIYGEVFADQIDRKQVYDSHTPKSAPCGQNETREDGKTIQLPPCKTGAWIVPAIMACYLLVANILLVN
 LLIAVFNNTFFEVKISISNQVWKFQRYQLIMTFHERPVLPPPLIIFSHMTMIFQHVCRRWRKHESDQDERD
 YGLKLFITDDELKKVHDFEEQCIEEYFREKDDRFNSSNDERIRVTSERVENMSMRLEEVDNEREHSKASL
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 PAGEETISPTSPTLMPRMRSHSFYSVNVKDKGGIEKLESIFKERSLSLHRATSSHVAKPKAPAAPANT
 LAIVPDSRRPSSCIDIYVSAMDELHCDIEPLDNSMNLGLGEPFSFALAPSTTPSSAYATLAPTRPPS
 RSIDFEDLTSMDTRSFSSDYTHLPECQNPWTDPPPTYHTIERSKSSRYLATTFFLLEEAPIVKSHSFMFS
 PSRSYYANFGVPVKTAEYTSITDCIDTRCVNAPQAIADRATFPGGLGDKVEDLSCCHPEREAELSHPSSD
 SEENEARGQRAANPISSQEAENADRTLNNTITVPKIERANSYSAEENVPYAHTRKSFISDKLDRQRNT
 ASLRNPFQRSKSSKPEGRGDSLMSRRLSRTSAFHFSFKHN

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

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_001035239.3](#)

RefSeq Size: 6742 bp

RefSeq ORF: 5166 bp

Locus ID: 226025

Cytogenetics: 19 B