

Product datasheet for **MG225062**

Trpm3 (NM_001035242) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trpm3 (NM_001035242) 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:	>MG225062 representing NM_001035242 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCAAGAAGTGGAGGGATGCGGGCAGCTGGAGAGAGTTGCTCTGACCGCAGGACAGCGCAGAGA
GCCGCAGGCGCAGCCGACGCGCCAGCCGGGGCAGGTTTGCCGAGTCGTGGAAAAGTTAAGTTCCAAGCA
GGGGTCCACCAAGCGCTCGGGACTGCCGGCACAGCAGACACCGGCTCAGAAATCTGGATTGAAAGAGCA
TTTTATAAAGAGAATGTGTTACATCATACCGAGCACAAAGACCCCATAGGTGTTGCTGTGGACGCC
TCATAGGCCAGCATGTTGGACTCACTCCAGTATCTCTGTGCTTCAAGATGAGAAAAATGAGAGTCGCT
CTCCCGAAATGACATCCAGTCTGAGAAGTGGTCTATCAGCAAACACACTCAGCTCAGCCCAACAGACGCT
TTTGGGACCATTGAGTTCCAAGGAGGTGGCCATCCAACAAGCTATGTATGTCCGAGTATCTTTTGATA
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CGTGCACGGAGGGCTGCAGAAGTTGAACTCCAGCCAAACTCAAGCAAGTCTTCGGGAAGGGGCTCATC
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GAGATGCCTTGAAGACCATGCATCTAAGTCTCGAGGGAAGATATGTACCATAGGTATCGCCCCCTGGG
AATTGTGAAAACAGGAAGACCTGATTGGAAGAGATGTAGTCCGACCATACCAGACCATGTCCAATCCT
ATGAGCAAGCTCACCGTTCTCAATAGCATGCACCTCCACTTTCATCCTGGCTGACAATGGGACACGGGGA
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GCCATGCTGGATGCCCTAGTCTGGACAGAGTGGATTTTGTGAAATTACTCATAGAAAATGGAGTAAGCA
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 CATCAGTGACAAGCTTGATAGACAGAGGAACACGGCGAGCCTCCGAAATCCCTTCCAGAGAAGTAAGTCC
 TCCAAGCCGAGGGCCGAGGGGACAGCCTATCCATGAGGAGACTGTCTAGAACATCGGCCTTTCATAGCT

TTGAAAGCAAGCACAAAC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG225062 representing NM_001035242

Red=Cloning site Green=Tags(s)

MGKKWRDAGELERGCSDREDSAESRRRSRSASRGRFAESWKRLSSKQGSTKRSGLPAQQTTPAQKSWIERA
 FYKRECVHIIPSTKDPHRCCCGRLIGQHVLTPSISVLQNEKNESRLSRNDIQSEKWSISKHTQLSPTDA
 FGTIEFQGGGHSNKAMYVRVSFDTKPDLLLHLMTKEWQLELPKLLISVHGGLQNFELQPKLKQVFGKGLI
 KAAMTTGAWIFTGGVNTGIVRHVGDALKDASKSRGKICTIGIAPWGIENQEDLIGRDVVRPYQTSNP
 MSKLTVLNSMHSFILADNGTTGKYGAEVKLRQLEKHISLQKINTRIGQGVVVALIVEGGPNVISIVL
 EYLRDTPPVVVCVCDGSGRASDILAFGHKYSEEGGLINESLRDQLLVTIQKFTTYTRTQAQHLFIILMEC
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 AMLDALVLDREVDFVKKLLIENGVSMDRFLTISRLEELYNTRHGPSNTLYHLVRDVKKGNLPPDYRISLIDI
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 INHFPPPFHELMVWAVLMKRQKMAFFWQHGEEMAKALVACKLCKAMAHEASENDMVDISQELNHNRSR
 DFGQLAVELLDQSYKQDEQLAMKLLTYELKNWSNATCLQLAVAAKHRDFAHTCSQMLLTDMWMGRRLMR
 KNSGLKVLGILLPPSILSLEFKNKDDMPYMTQAQEIHLQEKEPEEPEKPTKEKDEEDMELTAMLRNSG
 ESSRKKDEEEVQSRHRLIPVGRKIYEFYNAPIVKFWFYTLAYIGYLMFNIVLVKMERWPSTQEWIVIS
 YIFTLGIEKMREILMSEPGKLLQKVKVWLQEYWNVTDLIAILLFSVGMILRLQDQPFSDGRVIYCVNII
 YWYIRLLDIFGVNKYLGPIVMMIGKMMIDMMYFVIIMLVVLSFGVARQAILFPNEEPSWKLAKNIFYMP
 YWMIYGEVFADQIDPPCGQNETREDGKTIQLPPCKTGAWIVPAIMACYLLVANILLVNLIAVFNNTFFE
 VKSISNQVWKFQRYQLIMTFHERPVLPPPLIIFSHMTMIFQHVCCRWRKHESDQDERDYGLKLFITDDEL
 KKVHDFEEQCIEEYFREKDDRFNSSNDERIRVTSERVENMSMRLEEVNEREHSMAKSLQTVDIRLAQLED
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 TLMPRMRSHSFYSVNVKDKGGIEKLESIFKERSLSLHRATSSHSVAKEPKAPAAPANTLAIVPDSRRPSS
 CIDIYVSAMDELHCDIEPLDNSMNILGLGEPFSFALAPSTTPSSSAYATLAPTDRPPSRSIDFEDLTSM
 TRSFSSDYTHLPECQNPWTDPPPTYHTIERSKSSRYLATTFFLEEAPIVKSFSFMFSPSRSYANFGVP
 VKTAEYTSITDCIDTRCVNAPQAIADRATFPGGLGDKVEDLSCCHPEREAEELSHPSSDSEENEARGQRAA
 NPISSEAEANADRTLNNITVPKIERANSYSAEENPNVYAHTRKFSISDKLDRQRNTASLRNPFQRSKS
 SKPEGRGDSLMMRRLSRTSAFHSFESKH

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_001035242.2](#)

RefSeq Size: 6706 bp

RefSeq ORF: 5130 bp

Locus ID: 226025

Cytogenetics: 19 B