

Product datasheet for **MG213012**

Trpd52l3 (NM_025741) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Trpd52l3 (NM_025741) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Trpd52l3
Synonyms: 4931412G03Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG213012 representing NM_025741
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACCAGTCTCACCTCGAGTCTATCCCACTGGCCAGAAGTCTGAGCCTGCAGGCCTAGCCGTCAGCT
CCACCAGCCCAACTGTTTCTCCTCAAACCAAGGATTGGACTCCGTCTACCAAGACCTGGACCTGGACTC
CCTGAATGAAGATCTTTCCTTGCTGTTCCAGATGCCATGACAGAGACCTCTGCGTCCACAAATGAATCC
CGCCTAGCTTCAGAACCAGATCTGACGGAGGCTGAGCAACTGGAACCTCAAATCTGAGCTCACTAACTGG
AGGAAGAGATCTTAACTTACGTGACCTGCTTGCAGCCAAAGAGAAGCGGTGTGGCGAATCAAGAGGAA
GTTAGGCTGCGTGCCCTTGGTGGGACTGAGGCAGAATCTGTCAAAGAGCTGGCATGATGTTCAAGCCTCC
AACACCTACATGAAGCAGAAGACGTCAACTGCCCTGGCCTCGGTGGGTTCTGCCATCTGCAGGAAGCTTG
GAGATGTGAAGAATTCGTCCACGTTTCAGATCTCTTGAAGGGCTGGTGGGAACAGTCAAGTCAAGAGTTGC
AGGTGGCAGAGAGCTCGGCAGTGGCCTTCTCCCTTACCAGTGAGTGGCAGTGATCCACACTCGGCTCTG
GGGAGTGGATATGAACTGTTGCAGGGCTTGTGAGCAACTGTTTCTGTCCTGAAGCCAGAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG213012 representing NM_025741
 Red=Cloning site Green=Tags(s)

MDQSHLESYPTGQKSEPAGLAVSSTSPNCFSSNQGLDSVYQDLDLDSLNEIDL SVDPDAMTETSASTNES
 RLASEPDLTEAEQLELKSELTKLEEEILNLRDLLAAKEKRCGELKRKLGCVPLVGLRQNLKSWHDVQAS
 NTYMKQKTSTALASVGSATICRKLGDVKNSSTFRSLEGLVGTVKSRVAGGRELGSGLLPSVSGSDPHSAL
 GSGYETVAGLDEQLFVCLKPE

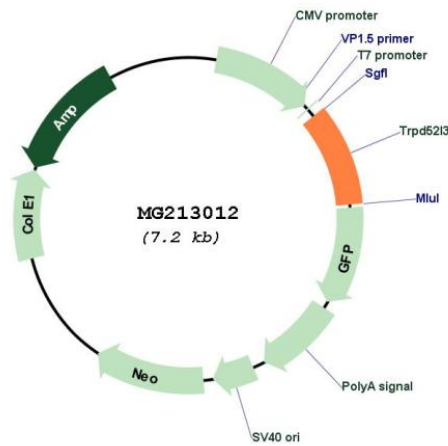
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_025741

ORF Size: 693 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_025741.2 , NP_080017.1
RefSeq Size:	2231 bp
RefSeq ORF:	696 bp
Locus ID:	66745
Cytogenetics:	19 C1