

Product datasheet for **MG201453**

Tmem91 (NM_177102) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tmem91 (NM_177102) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Tmem91
Synonyms: A830041P22Rik; DSPC3; SynDIG3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG201453 representing NM_177102
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACAACCTCCAGCATACAGGAACCTCCAGCAACCCTTACTGCCAAGCATAACCTGTGACCTCCTGGCTC
 CCAGGTCTGAGAAGCCAGAGCTGGGAACCCCTTCCCAGAACTGCCTTTCAGAGTCCCCAGAGGCTG
 GCAGTCTTCTCCACCTTCTCCTTCAGTGAGTCTGGCCTGGGGGAGCCTGAGACCCCTGACTTTGAG
 GACACATTATCCAGTGACAGTACTCAGATGATGATGGGGGACCGGCTCTCTCCACTTCTCCCATG
 ACCACCTCGGCTGGCGTATTCTCTGTGCTGTGTGTTTTTGGCCTGTGGGCATCGCTGCCTTCTGTCT
 GGCCACAAGACCAACAAGGCTTGGGCCAAGGGGACGTCCAAGGGGACGGGCTGCCTCCCGCCGAGCT
 TTCTGTGGGGTCTTGGCGTGGGGCTGGCCGTGTGCACATATGCAGTGCCTGGTGCCTTGCTGCTG
 CCTACCTGCCTCCCGAGACCCGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201453 representing NM_177102
 Red=Cloning site Green=Tags(s)

MDNSSIQELQQPLLPSITCDLLAPRSEKPELGTPFPETAFESPARGWQLLLPPLPSVSAGLGEPETPDFE
 DTLSSSDSDDDGGDRLSPLPHDHLGLAVFVLCFFWPVGIAAFCLAHKTNKAWAKGDVQGAGAASRRA
 FLLGVLAVGLGLCTYAAALVTLAAYLASRDPP

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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_177102.4</u>
RefSeq Size:	875 bp
RefSeq ORF:	519 bp
Locus ID:	320208
UniProt ID:	<u>Q8C581</u>
Cytogenetics:	7 A3