

## Product datasheet for **MG203759**

### Tipin (NM\_025372) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tipin (NM\_025372) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Tipin  
**Synonyms:** 1110005A05Rik; 1110018P21Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG203759 representing NM\_025372  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTTAGACGAAGAAGAAAATGGCTTGTGGAAATACCAGATTATGAACATGTAGAGGATGAACTTTTC  
 CTCCCTCCCACCTCCGGCCTCGCCAGAGAGAGATCCTGCAGACGCTGAACCTGAGGAAGGATCAGGGAG  
 TGGAGTACCTGTCCGCCAAGAGAACAGTTAAAAGGAATCTACCTAAGCTAGATGCTACGAGATTGACT  
 TCAGAGAGAGGGCTCCAGCCTAAGGCATGTGTTTGATAAGACGAAATCAAGGGGAAGGGTCATGAGG  
 CTGAAGACTTGAAAACGCTAATCAGACACATGGAGCACTGGGCACATAGGCTATTCCTCAAGCTGCAATT  
 TGAAGATTTTATTGACAGAGTCGAAAACCTAGGAAATAAAAAGGAGGTTTCAGACCTGTTTAAAACGAATT  
 CGACTTGATCTGCCTATTGTACATGAAGATTTTGTAAACAATAATGATGAAGTTGGAGAAGCTAATGGCC  
 CAGATGTATCTGCTACTGGATTTGATCCCTTCTGACAAGTTCTTCTGACAGCAGGAAGTTTGCTTCTGA  
 ACCAACTAGAAGCCTAACAGAAGAGCAGCAACAGAGAATTGAGAGAAAATAAACAGCTGGCCTTGGAAAGA  
 AGGCAGGCAAAGCTACTGAGTAATAGCCAGTCCCTAGAAAATGATGTGACAGTTGAAGAGAACAGTACTG  
 GTGAGGATCAAGAAGAGTCAAAATGGATTAACATAGACTGCTGATGGTCCACATGATGTTCTTTCGCG  
 CAGTACACATGAAGAGGAACAGTTCAAAGCAGAGGAGACACAACCTGGACCATACTAACTTAGAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203759 representing NM\_025372  
 Red=Cloning site Green=Tags(s)

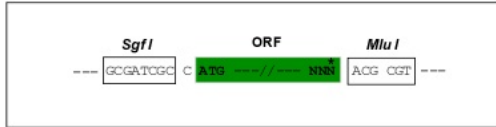
MLEQEENGLFEIPDYEHVEDETFFPPPPPASPERDPADAEPEEGSGSGVPVPPKRTVKRNLPKLDATRLT  
 SERGLPALRHVFDKTKFKGKGHEAEDLKLIRHMEHWAHRLFPKLQFEDFIDRVENLGNKKEVQTLKRI  
 RLDLPIVHEDFVNNNDEVGEANGPDVSATGFDPFLLTSSSDSRKFASEPTRSLTEEQQRIERNKQLALER  
 RQAKLLSNSQSLENDVTVENSTGEDQEEENGLNIDTADGPHDVPFASTHEEEQFKAETQLDHTNLD

TRTRPLE - GFP Tag - V

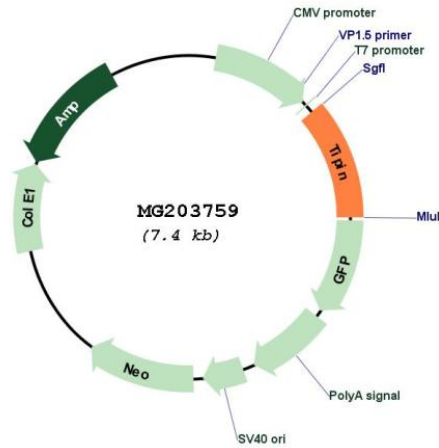
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM\_025372  
 ORF Size: 834 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_025372.1</a> , <a href="#">NP_079648.1</a>
<b>RefSeq Size:</b>	1212 bp
<b>RefSeq ORF:</b>	837 bp
<b>Locus ID:</b>	66131
<b>UniProt ID:</b>	<a href="#">Q91WA1</a>
<b>Cytogenetics:</b>	9 34.6 cM
<b>Gene Summary:</b>	The protein encoded by this gene is part of the replisome complex, a group of proteins that support DNA replication. It binds TIM and aids in protecting cells against DNA damage and stress. [provided by RefSeq, Feb 2014]