

## Product datasheet for **MG202653**

### Rrp36 (NM\_144857) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rrp36 (NM\_144857) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Rrp36  
**Synonyms:** MGC19067  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG202653 representing NM\_144857  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGGGCGGGGAGGTGACTGGCGACCGGCTGAAGGCAGACACATCTGACATGTCATTTGAGGAGCTGT  
TGAGATTACAGGGCCAAGGGAGACCCAAGGCACACAAACAATTGGTAGCTGAAACAGCACTAGAACGCG  
AAGCCCCAACAAACCCGTGTGTGTCGCCGATAAGCACCGCCTCTGAAATGTCAGCTAAAGTCCGGGTG  
CCATTCTTACGTCAGGTGGTCCCATCAGTAAAAAGTCGCCGAGACCCCGCTTTGATGATCTGTCAG  
GGGACTATAACCCCTGAAGTGTGGACAAAACCTACCAGTTCCTGAATGATATCCGAGCCAAGAGAAGCA  
GCTTGTGAAAAAGCAGTTGAAGAAGCACCGCTCAGGGGAGGAGCATGACAACTGCAACAGCTGCTTCAG  
CGGATGGAGCAACAAGAGATGGCACAGCAGGAACGCAAGCAGCAGCAGGAGCTGCCGTTGGCCTTGAAGC  
AGGAGCGCCGGGCTCAGGCACAGCAGGGCCATCGGCCATACTTCTGAAGAAATCTGAGCAGCGGCAGCT  
GGCCTTGGCTGAGAAGTTCAAGGAGCTGAGACGCAGCAAGAAGCTGGAGAGTTTCTGAGTCGAAAGAGG  
CGGCGGAACGCAGGCAAGGACAGGAGGCACCTCCCGCTGAGCAAGGAG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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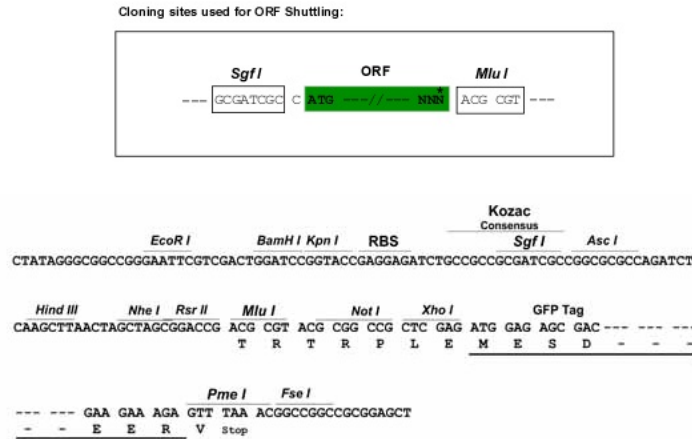
Protein Sequence: >MG202653 representing NM\_144857  
 Red=Cloning site Green=Tags(s)

MEGGEVTDGRLKADTSDMSFEELLRLQGQGRPKAHKQLVAGNSTRTRSPQQPVCVADKHRPLEMSAKVRV  
 PFLRQVVPISKVARDPRFDDLSDYNPEVFDKTYQFLNDIRAKEKQLVKKQLKKHRSGEHDKLQQLLQ  
 RMEQQEMAQQERKQQQLRLALKQERRAQAQQGHRPYFLKKSEQRQLALAEKFKELRRSKKLESFLSRKR  
 RRNAGKDRRHPLSKE

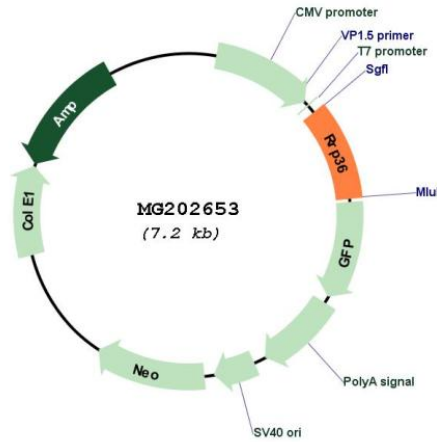
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_144857

ORF Size: 678 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_144857.1</a> , <a href="#">NP_659106.1</a>
<b>RefSeq Size:</b>	1212 bp
<b>RefSeq ORF:</b>	681 bp
<b>Locus ID:</b>	224823
<b>UniProt ID:</b>	<a href="#">Q3UFY0</a>
<b>Cytogenetics:</b>	17 C
<b>Gene Summary:</b>	Involved in the early processing steps of the pre-rRNA in the maturation pathway leading to the 18S rRNA.[UniProtKB/Swiss-Prot Function]