

## Product datasheet for **MG218226**

### **Rpl6 (NM\_011290) Mouse Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rpl6 (NM\_011290) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Rpl6  
**Synonyms:** Taxreb107  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG218226 representing NM\_011290  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGGGTGAAAAGCGCCTGATACAAAGGAGAAGAAACCTGCGGCCAAGAAGGCTGGCAGTGATGCTG  
 CTGCCTCCCGGCCCGGGCCGCAAGTAGCCAAAAGGTTACCCCTAAGGGTAAAAAGCCCAAGAAGGC  
 GAAGCCCCATTGCAGCCGAAACCCTGTCTGGTGAGAGGAATTGGCAGGACTCCCGATCTGCTATGTAC  
 TCCAGGAAGGCCTGTACAAAAGGAAATACTCGGCTGCCAAGACCAAGGTTGAGAAGAAGAAGAAAAAG  
 AGAAGGTCTTGTACTGTACCAAAAACAGTTGGTGGGACAAGAACGGTGGCACCCGGGTGGTGAAGCT  
 TCGAAAAATGCCTAGGTATTATCCACCGAAGATGTTCCCTCGGAAAGCTGCTGAGCCACGGCAAGAAGCCC  
 TTCAGCCAGCACGTGAGAAGGCTACGCTCCAGCATCACTCCCGAACTGTCTGTATCATCTCACTGGGC  
 GCCACAGGGGCAAGAGAGTGGTTTTCTGAAGCAGCTGGACAGTGGCTTGTCTGTGACTGGGCCTCT  
 TGTATCAACAGAGTTCTCTGCGCAGAACACACCAGAAGTTTGTATTGCCACCTTACAAAAGTTGAT  
 ATCAGCGATGTTAAAATCCCAAACACCTGACTGACGCTTACTTCAAGAAGAAGCAGCTGCGCAAGCCCA  
 GGCATCAGGAGGGCGAGATCTTCGACACAGAGAAGGAGAAATACGAGATTACAGAGCAGCGAAAGGCTGA  
 CCAGAAAGCTGTGGATTTGCAGATTTTGCCAAAGATTAAGCTGTTCTCAGCTCCAGGGCTACCTGGC  
 TCTCAGTTTTCCCTGACAAACGGGATGTATCCTCACAACCTGGTCTTC

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA



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Protein Sequence: >MG218226 representing NM\_011290  
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MAGEKAPDTEKEKKPAAKKAGSDAAASRPRAAKVAKKVHPKGKKPKKAKPHCSRNPVLVRGIGRYSRSAMY  
 SRKALYKRKYSAAKTKVEKKKKKEKVLATVTKTVGGDKNGGTRVVKLRKMPRYPTEDVPRKLLSHGKKP  
 FSQHVRRLRSSITPGTVLIILTGRHRGKRVVFLKQLDSGLLLVTGPLVINRVPLRRTHQKFVIATSTKVD  
 ISDVKIPKHLTDAYFKKKQLRKPRHQEGEIFDTEKEYEITEQRKADQKAVDLQILPKIKAVPQLQGYLR  
 SQFSLTNGMYPHKLVF

TRTRPLE - GFP Tag - V

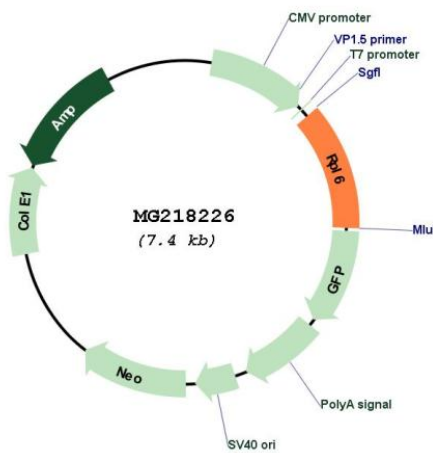
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM\_011290

ORF Size: 888 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_011290.5</a> , <a href="#">NP_035420.2</a>
<b>RefSeq Size:</b>	1282 bp
<b>RefSeq ORF:</b>	891 bp
<b>Locus ID:</b>	19988
<b>UniProt ID:</b>	<a href="#">P47911</a>
<b>Cytogenetics:</b>	5 F
<b>Gene Summary:</b>	Component of the large ribosomal subunit.[UniProtKB/Swiss-Prot Function]