

## Product datasheet for **MG204093**

### **Rpl6 (BC062880) Mouse Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rpl6 (BC062880) 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:	>MG204093 representing BC062880 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGGGTGAAAAGCGCCTGATACAAAGGAGAAGAAACCTGCGGCCAAGAAGGCTGGCAGTGATGCTG  
CTGCCTCCCGGCCCGGGCCGCAAGTAGCCAAAAGGTTACCCCTAAGGGTAAAAAGCCCAAGAAGGC  
GAAGCCCCATTGCAGCCGAAACCCTGTCTGGTGAGAGGAATTGGCAGGTAATCCCGATCTGCTATGTAC  
TCCAGGAAGGCCTTTTACAAAAGGAAATACTCGGCTGCCAAGACCAAGGTTGAGAAGAAGAAGAAAAAG  
AGAAGGTCCTTGCTACTGTACCAAAAACAGTTGGTGGGACAAGAACGGTGGCACCCGGGTGGTGAAGCT  
TCGAAAAATGCCTAGGATTATCCACCGAAGATGTTCCCTCGGAAAGCTGCTGAGCCACGGCAAGAAGCCC  
TTCAGCCAGCACGTGAGAAGGCTACGCTCCAGCATCACTCCCGGAACTGTCTGATCATCTCACTGGGC  
GCCACAGGGGCAAGAGAGTGGTTTTCTGAAGCAGCTGGACAGTGGCTTGTCTGTGACTGGGCCTCT  
TGTTCATCAACAGAGTTCTCTGCGCAGAACACACCAGAAGTTTGTATTGCCACCTTACAAAAGTTGAT  
ATCAGCGATGTTAAAATCCCAAACACCTGACTGACGCTTACTTCAAGAAGAAGCAGCTGCGCAAGCCCA  
GGCATCAGGAGGGCGAGATCTTCGACACAGAGAAGGAGAAATACGAGATTACAGAGCAGCGAAAGGCTGA  
CCAGAAAGCTGTGGATTTGCAGATTTTGCCAAAGATTAAGCTGTTCTCAGCTCCAGGGCTACCTGGCC  
TCTCAGTTTTCCCTGACAAACGGGATGTATCCTCACAACCTGGTCTTC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG204093 representing BC062880  
 Red=Cloning site Green=Tags(s)

MAGEKAPDTKEKKPAAKKAGSDAAASRPRAAKVAKKVHPKGKKPKKAKPHCSRNPVLVRGIGRYSRSAMY  
 SRKAFYKRKYSAAKTKVEKKKKKEKVLATVTKTVGGDKNGGTRVVKLRKMPRYPTEDVPRKLLSHGKKP  
 FSQHVRRLRSSITPGTVLIILTGRHRGKRVVFLKQLDSGLLLVTGPLVINRVPLRRTHQKFVIATSTKVD  
 ISDVKIPKHLTDAYFKKKQLRKPRHQEGEIFDTEKEYEITEQRKADQKAVDLQILPKIKAVPQLQGYLR  
 SQFSLTNGMYPHKLTVF

TRTRPLE - GFP Tag - V

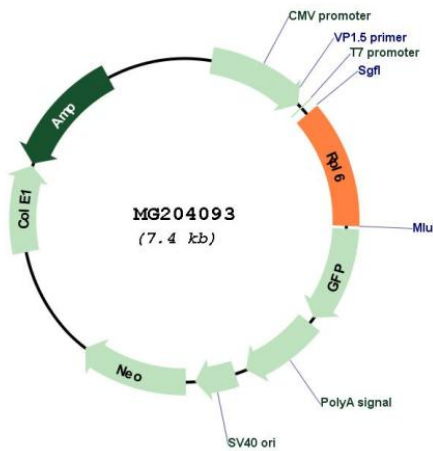
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: BC062880

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="#">BC062880.1</a>
<b>RefSeq Size:</b>	975 bp
<b>RefSeq ORF:</b>	890 bp
<b>Locus ID:</b>	19988
<b>Cytogenetics:</b>	5 F
<b>Gene Summary:</b>	Component of the large ribosomal subunit.[UniProtKB/Swiss-Prot Function]