

## Product datasheet for **MG206317**

### Rpl3 (BC009655) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rpl3 (BC009655) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Rpl3
Synonyms:	J1, F2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206317 representing BC009655 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCTCACAGGAAATTCTCAGCTCCCAGGCATGGGTCTTGGGCTTCTGCCTCGAAAGCGCAGCAGCC  
GGCATCGTGGGAAAGTGAAGAGCTTCCCTAAGGATGACGCTTCCAAGCCCGTTCACCTCACAGCCTTCT  
GGGTTACAAGGCTGGCATGACCCACATCGTCCGGGAAGTTGACAGGCCAGGATCTAAGGTGAACAAGAAA  
GAAGTCGTGGAGGCTGTGACCATTGTGAAACTCCCCAATGGTGGTGTGGGCATTGTGGGATATGTTG  
AGACCCACAGAGGCTCCGGACCTCAAGACTGTATTTGCTGAGCACATCAGCGATGAGTGTAAAAGGCG  
CTTCTATAAAGAACTGGCACAAGTCTAAGAAGAAGGCTTTCACCAAGTACTGTAAGAAATGGCAGGATGAC  
ACAGGCAAGAAGCAGCTGGAGAAGGACTTCAACAGCATGAAGAAGTACTGCCAGGTCATCCGCATCATTG  
CCCACACTCAGATGCGTCTGCTTCTCTACGCCAGAAGAAGGCACACTTGATGGAGATCCAGGTGAATGG  
AGGCACTGTGGCTGAGAAGCTCGACTGGGCCGAGAGCGGCTGGAGCAGCAGGTTCTGTGAACCAGGTG  
TTTGGGCAGGATGAGATGATTGATGTCATTGGCGTGACAAAAGGCAAAGGGTACAAAGGGGTAAACAGTC  
GTTGGCATACAAAGAACTGCCCGAAAGACCCATCGAGGTTTGCCAAAGTTGCCTGTATTGGAGCCTG  
GCACCTGCCCGTGTGCTTTCTCTGTGGCTCGAGCTGGGCAGAAAGGCTACCATCACCGAACAGAGATT  
AACAGAAGATTTACAAGATTGGTCAAGGCTACCTCATCAAGGATGGCAAAGTCAAGAACAATGCAT  
CTACTGACTATGACTTGTCTGACAAGAGCATCAACCCACTGGGTGGCTTTGTGCATTATGGTGAGGTGAC  
CAATGACTTCATCATGCTCAAAGGCTGTGTGGTGGGGACCAAGAAGCGAGTACTTACTCTTCGTAAGTCC  
TTGCTGGTTCAGACCAAACGTCGGGCCCTGGAGAAGATTGACCTGAAGTTCATTGACACCACCTCCAAAT  
TTGGCCATGGTCGCTTCCAGACCATGGAGGAGAAGAAAGCATTTATGGGACCACTCAAGAAAGATCGCAT  
TGCCAAGGAGGAAGGAGCT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206317 representing BC009655  
 Red=Cloning site Green=Tags(s)

MSHRKFSAPRHGSLGFLPRKRSSRHRGKVKVSFPKDDASKPVHLT AFLGKAGMTHIVREVDRPGSKVNKK  
 EVVEAVTIVETPPMVVVGIVGYVETPRGLRTFKTVFAEHSDECKRRFYKNWHKSKKKAFTKYCKKWQDD  
 TGGKQLEKDFNSMKKYCQVIRIIAHTQMRLPLRQKKAHLEIQVNGGTVAEKLDWARERLEQQVPVNQV  
 FGQDEMIDVIGVTKGKGYKGVTSRWHTTKLPRKTHRGLRQVACIGAWHPARVAFSVARAGQKGYHHRTEI  
 NKKIYKIGQGYLIKDGKLIKNNASTDYDLSDKSINPLGGFVHYGEVTNDFIMLKGCVVGTKKRVLTLRKS  
 LLVQTKRRALEKIDLKFIDTTSKFGHGRFQTMEEKKAFMGPLKKDRIAKEEGA

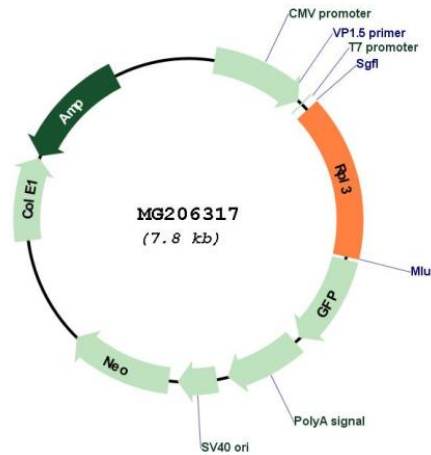
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC009655

<b>ORF Size:</b>	1211 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="#">BC009655</a> , <a href="#">AAH09655</a>
<b>RefSeq Size:</b>	1304 bp
<b>RefSeq ORF:</b>	1211 bp
<b>Locus ID:</b>	27367
<b>Cytogenetics:</b>	15 E1
<b>Gene Summary:</b>	The L3 protein is a component of the large subunit of cytoplasmic ribosomes. [UniProtKB/Swiss-Prot Function]