

Product datasheet for **MG213036**

Rpl3l (NM_001163945) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rpl3l (NM_001163945) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Rpl3l
Synonyms:	1110057H16Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG213036 representing NM_001163945 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCACCGGAAGTCTCTGCCCCTCGGCATGGACACCTGGGCTTCTGCCCCACAAGAGGAGCCGGC
GGCACCGGGCAAGTGAAGAGCTGGCCTCGGGATGACCCAGCCAGCCGGTGCACCTAACAGCCTTCT
GGGCTACAAGGCTGGCATGACCCACACCCTTCGCGAAGTGACCCGACCCGGACTCAAATTTCTAAGCGA
GAGGAGGTAGAAGCTGTGACAATTGTGGAGACGCCACCCTGGTGGTGGTGGTGTGGTGGGCTACGTAG
CCACTCCGAGAGGCTGCGGAGCTTCAAGACCATCTTTGCGGAACACCTCAGCGATGAGTGCCGCCGCGG
ATTCTACAAGGACTGGCACAAGAGTAAGAAGAAAGCCTTTACCAAAGCCTGCAAGAGGTGGCGAGACGCT
GACGGCAAGAAGCAGCTGCAGAAAGACTTTGCTGCCATGAAGAAGTACTGCAAGGTCATTGCGGGTCATTG
TCCACACCCAGATGAAGTTGCTGCCCTTTCGGCAGAAGAAGGCCACATCATGGAGATTCAGCTGAATGG
TGGCACCCTGGCTGAGAAGGTGGCTTGGGTTGAGGCACGGATGGAGAAGCAGGTGCCTGTACACAGCGTG
TTCAGCCAGAGTGAGGTTATTGATGTCATTGCTGTCACGAAGGGCCGGGTGTTAAAGGGGTGACCAGTC
GCTGGCATACCAAGAAGCTTCCAAGGAAGACCCCAAAGGCTTGCCAAAGTGGCTGCATCGGCCGCTG
GCACCTGCCCGAGTAGGCTGCTCCATCGCCCGGGCTGGCAGAAGGGTTACCACCACCGTACAGAGCTG
AACAAGAAGATCTACCGATTGGCCGGGGCTGCACATGGAAGATGGAAGATGGTCAGAAACAACGCAT
CCACCAGCTACGACGTAAGTCAAGTCAATCACACCCTGGGTGGCTTCCCCACTATGGGGAAGTGAA
CAATGACTTCATCATGTTAAAGGCTGCATTGCAGGTACCAAGAAGCGAGTGATCACTCTGAGAAAGTCC
CTTCTGGTGCACCACAGCCGAGGGCCCTGGAGAATATTGAGCTCAAGTTCATTGACACCACTTCTAAGT
TTGGCCACGGATGTTTTTCAGACAGCGCAGGAGAAGAGGGCCTTCATGGGTCCCCAAAAGAAACATCTGGA
GAAAGAGAAGCCGGAGACCTTGGGAAACATG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG213036 representing NM_001163945
Red=Cloning site Green=Tags(s)

MSHRKFSAPRHGHLGFLPHKRSRRHRGKVKSWPRDDPSQPVHLT AFLGKAGMHTLREVHRPGLKISKR
 EEVEAVTIVETPPLVVVGVVGYVATPRGLRSFKTIFA EHLSDCCRFRFYKDWHSKKAFTKACKRWRDA
 DGKKQLQKDF AAMKKYCKVIRVI VHTQM KLLPFRQKKAHIMEIQLNGGTVAEKVAWVQARMEKQVPVHSV
 FSQSEVIDVIAVTKGRGVKGVTSRWHTKKLPRKTHKGLRKVACIGAWHPARVGC SIARAGQKGYHHRTEL
 NKKIYRIGRGLHMEDGKMVRNASTSYDVTDKSITPLGGFFHYGEVNNDFIMLKGC IAGTKKRIVITLRKS
 LLVHHSRRALENIELKFIDTTSKFGHGCFQTAQEKR AFMGPQKKHLEKEK PETLGNM

TRTRPLE - GFP Tag - V

Chromatograms: https://cdn.origene.com/chromatograms/ja2385_e04.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



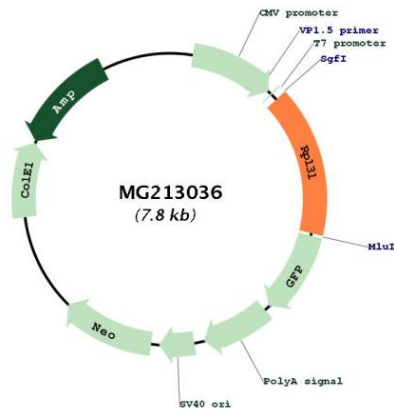
ACCN: NM_001163945

ORF Size: 1221 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in *E. coli* are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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. [More info](#)

OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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.
RefSeq:	<u>NM_001163945.2</u>
RefSeq Size:	1398 bp
RefSeq ORF:	1224 bp
Locus ID:	66211
Cytogenetics:	17 A3.3

Product images:


Circular map for MG213036