

Product datasheet for **RG208365**

RPL3L (NM_005061) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RPL3L (NM_005061) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	RPL3L
Synonyms:	CMD2D
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG208365 representing NM_005061 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCCACCGGAAGTTTTCCGCCCTCGGCACGGACACCTGGGCTTCTGCCCATAGAGGAGCCACC
GGCACCGGGCAAGGTGAAGACGTGGCCGCGGATGACCCAGCCAGCCCGTGCACCTCACGGCCTTCT
GGGCTACAAGGCGGCATGACCCACACCCTGCGGGAGGTGCACCGCCGGGGCTCAAATTTCAAACGG
GAGGAGGTGGAGCGGTGACAATTGTAGAAACGCCGCCCTAGTGGTGGTGGCGTGGTGGGCTACGTGG
CCACCCCTCGAGGTCTCCGGAGCTTCAAGACCATCTTTGCAGAACACCTCAGTGATGAGTGCCGGCGCCG
ATTCTACAAGGACTGGCACAAGAGCAAGAAGAAAGCCTTACCAAGGCCTGCAAGAGGTGGCGGGACACA
GACGGGAAAAAGCAGCTACAGAAGGACTTCGCCGCCATGAAGAAGTACTGCAAGGTCATTGCGGTATTG
TCCACACTCAGATGAAACTGCTGCCCTTCCGGCAGAAGAAGGCCACATCATGGAGATCCAGCTGAACGG
TGGCACGGTGGCCGAGAAGGTGGCTGGGCCAGGCCCGCTGGAGAAGCAGGTGCCCGTGCACAGCGTG
TTCAGCCAGAGTGAGGTGATTGATGTCATTGCTGTACCAAGGGTCGAGGCGTCAAAGGGGTACAAGCC
GCTGGCATAACAAGAAGCTGCCCGGAAGACCCATAAGGGCTGCGCAAGGTGGCTGATTGGCGCCTG
GCACCCCGCCCGTGGGCTGCTCCATTGCTCGGGCCGGCAGAAGGGCTATCACACCACCGGAGCTC
AACAGAAGATCTCCGCATCGGCAGGGGCCGCACATGGAGGACGGGAAGCTGGTGAAGAACAATGCAT
CCACCAGCTACGACGTGACTGCCAAGTCCATCACACCGCTGGGTGGCTTCCCCACTACGGGGAAGTGAA
CAACGACTTCGTCATGCTGAAGGTTGTATTGCTGGTACCAAGAAGCGGGTCATTACGCTGAGAAAGTCC
CTCCTGGTGCATCACAGTCGCCAAGCCGTGGAGAATATTGAGCTCAAGTTCATTGACACCACCTCCAAGT
TCGGCCATGGCCGCTTCCAGACAGCCCAAGAGAAGAGGGCCTTATGGGCCCCAAAAGAAGCATCTGGA
GAAGAAACGCCGGAGACCTCGGGAGACTTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG208365 representing NM_005061
Red=Cloning site Green=Tags(s)

MSHRKFSAPRHGHLGFLPHKRSHRHRGKVKTWPRDDPSQPVHLT AFLGKAGMHTLREVHRPGLKISKR
 EEVEAVTIVETPPLVVVGVVGYVATPRGLRSFKTIFAHLSDCCRFRFYKDWHSKKAFTKACKRWRDT
 DGKKQLQKDF AAMKKYCKVIRVIVHTQMKLLPFRQKKAHIMEIQLNGGTVAEKVAWAQARLEKQVPVHSV
 FSQSEVIDVIAVTKGRGVKGVTSRWHTKKLPRKTHKGLRKVACIGAWHPARVGC SIARAGQKGYHHRTTEL
 NKKIFRIGRGPHEMDGKLVKNNASTSYDVTAKSITPLGGFPHYGEVNNDFVMLKGCIAGTKKRIVITLRKS
 LLVHHSRQAVENIELKFIDTTSKFGHGRFQTAQEKR AFMGPQKKHLEKETPETS GD L

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_005061

ORF Size: 1221 bp

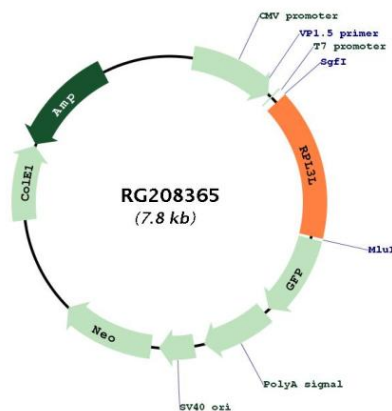
OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA 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:**
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:** [NM_005061.3](#)
- RefSeq Size:** 1547 bp
- RefSeq ORF:** 1224 bp
- Locus ID:** 6123
- UniProt ID:** [Q92901](#)
- Cytogenetics:** 16p13.3
- Protein Pathways:** Ribosome
- Gene Summary:** This gene encodes a protein that shares sequence similarity with ribosomal protein L3. The protein belongs to the L3P family of ribosomal proteins. Unlike the ubiquitous expression of ribosomal protein genes, this gene has a tissue-specific pattern of expression, with the highest levels of expression in skeletal muscle and heart. It is not currently known whether the encoded protein is a functional ribosomal protein or whether it has evolved a function that is independent of the ribosome. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG208365