

Product datasheet for **RC208365**

RPL3L (NM_005061) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: RPL3L (NM_005061) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: RPL3L
Synonyms: CMD2D
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC208365 representing NM_005061
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCCCACCGGAAGTTTTCCGCCCTCGGCACGGACACCTGGGCTTCCTGCCCCATAAGAGGAGCCACC
 GGCACCGGGCAAGGTGAAGACGTGGCCGCGGATGACCCAGCCAGCCCGTGCACCTCACGGCCTTCT
 GGGCTACAAGGCGGCATGACCCACACCCTGCGGGAGGTGCACCGCCGGGGCTCAAATTTCAAACGG
 GAGGAGGTGGAGCGGTACAATTGTAGAAACGCCGCCCTAGTGGTGGTGGCGTGGTGGGCTACGTGG
 CCACCCCTCGAGGTCTCCGGAGCTTCAAGACCATCTTTCGAGAACACCTCAGTGATGAGTGCCGGCGCCG
 ATTCTACAAGGACTGGCACAAGAGCAAGAAGAAAGCCTTACCAAGGCCTGCAAGAGGTGGCGGGACACA
 GACGGGAAAAAGCAGCTACAGAAGGACTTCGCCGCCATGAAGAAGTACTGCAAGGTCATTGCGGTATTG
 TCCACACTCAGATGAAACTGCTGCCCTTCGGCAGAAAGGCCACATCATGGAGATCCAGCTGAACGG
 TGGCACGGTGGCCGAGAAGGTGGCTGGGCCAGGCCGCTGGAGAAGCAGGTGCCCGTGCACAGCGTG
 TTCAGCCAGAGTGAGGTCATTGATGTCATTGCTGTACCAAGGGTCGAGGCGTCAAAGGGGTACAAGCC
 GCTGGCATAACGAAGCTGCCCGGAAGACCCATAAGGGCTGCGCAAGGTGGCTGCATTGGCGCCTG
 GCACCCCGCCCGTGGGCTGCTCCATTGCTCGGGCCGGCAGAAGGGCTATCACACCACCGGAGCTC
 AACAGAAGATCTTCGCATCGGCAGGGCCCGCACATGGAGGACGGGAAGCTGGTGAAGAACAATGCAT
 CCACGACTACGACGTGACTGCCAAGTCCATCACACCGCTGGGTGGCTTCCCCACTACGGGGAAGTGAA
 CAACGACTTCGTCATGCTGAAGGTTGTATTGCTGGTACCAAGAAGCGGGTCATTACGCTGAGAAAGTCC
 CTCTGTGTCATCACAGTCGCCAAGCCGTGGAGAATATTGAGCTCAAGTTCATTGACACCACCTCCAAGT
 TCGCCATGGCCGCTTCCAGACAGCCAAAGAGAAGGGCCTTATGGGCCCCAAAAGAAGCATCTGGA
 GAAGAAACGCCGGAGACCTCGGGAGACTTG

ACGGTACGGCGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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MSHRKFSAPRHGHLGFLPHKRSHRHRGKVKTWPRDDPSQPVHLT AFLGKAGMHTLREVHRPGLKISKR
 EEVEAVTIVETPPLVVVGVVGYVATPRGLRSFKTIFA EHLSDCCRFRFYKDWHSKKAFTKACKRWRDT
 DGKKQLQKDF AAMKKYCKVIRVIVHTQM KLLPFRQKKAHIMEIQLNGGTVAEKVAWAQARLEKQVPVHSV
 FSQSEVIDVIAVTKGRGVKGVTSRWHTTKLPRKTHKGLR KVACIGAWHPARVGC SIARAGQKGYHHRTTEL
 NKKIFRIGRGPHEMDGKLVKNNASTSYDVTAKSITPLGGFPHYGEV NDNFVMLKGC IAGTKKRIVITLRKS
 LLVHHSRQAVENIELKFIDTTSKFGHGRFQTAQEKR AFMGPQKKHLEKETPETS GDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKVK

Chromatograms: https://cdn.origene.com/chromatograms/mk8103_d08.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_005061

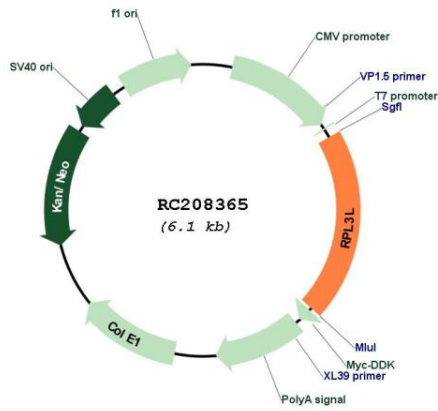
ORF Size: 1221 bp

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:	<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:	NM_005061.3
RefSeq Size:	1547 bp
RefSeq ORF:	1224 bp
Locus ID:	6123
UniProt ID:	Q92901
Cytogenetics:	16p13.3
Protein Pathways:	Ribosome
MW:	46.3 kDa
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 RC208365