

Product datasheet for MR213036

Rpl3l (NM_001163945) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rpl3l (NM_001163945) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Rpl3l
Synonyms: 1110057H16Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR213036 representing NM_001163945
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCCCACCGGAAGTTCTCTGCCCTCGGCATGGACACCTGGGCTTCTGCCCCACAAGAGGAGCCGGC
GGCACCGGGCAAGGTGAAGAGCTGGCTCGGGATGACCCAGCCAGCCGGTGCACCTAACAGCCTTCT
GGGCTACAAGGCTGGCATGACCCACACCCTTCGCGAAGTGCACCGACCCGGACTCAAATTTCTAAGCGA
GAGGAGGTAGAAGCTGTGACAATTGTGGAGACGCCACCGCTGGTGGTGGTGGGTGTGGTGGGCTACGTAG
CCACTCCGAGAGGCTGCGGAGCTTCAAGACCATCTTTGCGGAACACCTCAGCGATGAGTGCCGCCGGCG
ATTCTACAAGGACTGGCACAAGAGTAAGAAGAAAGCCTTACCAAAGCCTGCAAGAGGTGGCGAGACGCT
GACGGCAAGAAGCAGCTGCAGAAAGACTTTGCTGCCATGAAGAAGTACTGCAAGGTCAATTCGGGTCAATG
TCCACACCAGATGAAGTTGCTGCCCTTCGGCAGAAGAAGGCCACATCATGGAGATTCAGCTGAATGG
TGGCACCGTGGCTGAGAAGGTGGCTTGGGTTCAAGCACGGATGGAGAAGCAGGTGCCTGTACACAGCGTG
TTCAGCCAGAGTGAGGTTATTGATGTCATTGCTGTACGAAGGGCCGGGTGTTAAAGGGGTGACCAGTC
GCTGGCATACCAAGAAGCTTCCAAGGAAGACCCACAAGGCTTGGCACAAGTGGCCTGATCGGGCCTG
GCACCCTGCCCGAGTAGGCTGCTCCATCGCCCGGGTGGCAGAAGGGTTACCACCCTGACAGAGCTG
AACAAAGAAGATCTACCGATTGGCCGGGGCTGCACATGGAAGATGGAAGATGGTCAGAAACAACGCAT
CCACCAGTACGACGTAAGTACAAAGTCAATCACACCCTGGGTGGCTTCCCCACTATGGGGAAGTGAA
CAATGACTTCATCATGTTAAAGGCTGCATTGCAGGTACCAAGAAGCGAGTGATCACTCTGAGAAAGTCC
CTTCTGGTGCACCACAGCCGAGGGCCCTGGAGAATATTGAGCTCAAGTTCATTGACACCCTTCTAAGT
TTGGCCACGGATGTTTTAGACAGCGCAGGAGAAGAGGGCCTTCATGGTCCCCAAAAGAAACATCTGGA
GAAAGAGAAGCCGAGACCTTGGAAACATG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR213036 representing NM_001163945
Red=Cloning site Green=Tags(s)

MSHRKFSAPRHGHLGFLPHKRSRRHRGKVKSWPRDDPSQPVHLT AFLGKAGMHTLREVHRPGLKISKR
 EEEVAVTIVETPPLVVVGVVGYVATPRGLRSFKTIFAHLSDCCRFRFYKDWHSKSKKAF TKACKRWRDA
 DGKKQLQKDF AAMKKYCKVIRVIVHTQMKLLPFRQKKAHIMEIQLNGGTVAEKVAVWVQARMEKQVPVHSV
 FSQSEVIDVIAVTKGRGVKGVTSRWHTTKLPRKTHKGLRKYVACIGAWHPARVGC SIARAGQKGYHHRTEL
 NKKIYRIGRGLHMEDGKMVRNNA STSYDVTDKSITPLGGFFHYGEVNNDF IMLKGC IAGTKKR VITLRKS
 LLVHHSRRALENIELKFIDTTSKFGHGCFQTAQEKR AFMGPQKKHLEKEK PETLGNM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

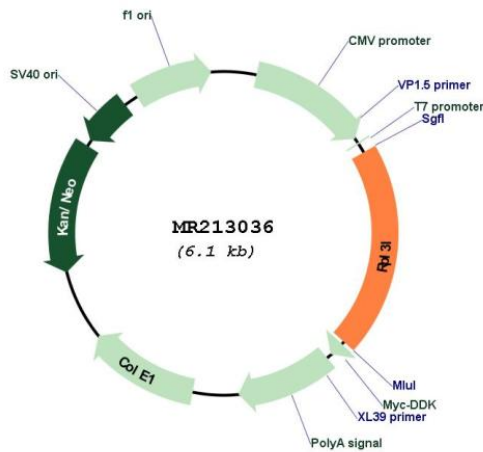
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001163945

ORF Size:	1221 bp
OTI Disclaimer:	<p>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.</p> <p>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</p>
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_001163945.2
RefSeq Size:	1398 bp
RefSeq ORF:	1224 bp
Locus ID:	66211
Cytogenetics:	17 A3.3
MW:	47 kDa