

Product datasheet for **RR216586**

Rpl3l (NM_001191589) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rpl3l (NM_001191589) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Rpl3l
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR216586 representing NM_001191589
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTCACCCGAAGTTCTCTGCTCCTCGACATGGACACCTGGGCTTCTGCCCCACAAGAGGAGCCGGC
GGCACCCGGGCAAGGTGAAGAGCTGGCCTCGCGATGACCCAGCCAGCCCGTGCACCTCACAGCCTTCTT
GGGCTATAAGGCCGGCATGACCCACACACTTCGCGAAGTGCACCGACCTGGACTCAAATTTCTAAGCGA
GAGGAGGTAGAAGCTGTGACAATTGTGGAGACGCCCCACTGGTGGTGGTGGGCGTGGTGGGCTACGTGG
CCACTCCGAGGGGCTGCGGAGCTTCAAGACCATCTTTGCCGAACACCTCAGCGATGAGTGTGCGCCGAG
ATTCTACAAGGACTGGCACAAGAGTAAGAAGAAAGCCTTTACCAAAGCCTGCAAGAGGTGGCGGGACGCC
GATGGCAAGAAGCAGCTGCAGAAAGACTTTGCTGCCATGAAGAAATACTGCAAGGTCATTTCGGGTACATCG
TCCACACCCAGATGAAGCTGCTGCCCTTAGGCAGAAGAAGGCCACATCATGGAGATTCAGCTGAATGG
TGGCACTGTGGCTGAGAAGGTGGCCTGGGCTCAGGCACGGTTGGAGAAGCAGGTGCCTGTACACAGTGTG
TTCAGCCAGAGTGAGGTTATTGATGTCATTGCTGTACGAAGGGCCGGGTGTTAAAGGGGTACCAGTC
GCTGGCATACCAAGAAGCTTCTAGGAAGACCCACAAAGCCTGCGCAAGGTGGCCTGTATTGGTGCCTG
GCACCCTGCCGAGTAGGCTGTCCATCGCCCGGGCTGGGAGAAAGGTTACCACCACCGTACAGAGCTG
AACAAAGAAGATCTACCGATTGGCCGGGGCTGCACATGGAAGACGGGAAGATGGTCAGAAACAACGCAT
CTACCAGCTATGACGTAACCGACAAGTCTATCACCCCTGGGTGGCTTCCCCACTACGGGGAAGTGAA
CAATGACTTCGTCATGTTAAAAGGCTGCATTGCTGGCACAAGAAGAGAGTGATCACACTGAGGAAGTCC
CTACTAGTGACCCACAGCCGAGGGCCCTGGAGAATATTGAGCTCAAGTTCATTGACACCACTTCTAAGT
TTGGCCACGGATGCTTCCAGACAGCGCAGGAGAAGAGGGCCTTCATGGGCCCCCAAAGAAACATCTGGA
GAAAGAGAAGCCGGAGACCTCGGAAACGTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR216586 representing NM_001191589
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MSHRKFSAPRHGHLGFLPHKRSRRHRGKVKSWPRDDPSQPVHLTAF LGYKAGMHTLREVHRPGLKISKRE
 EEVEAVTIVETPPLVVVGVVGYVATPRGLRSFKTIFAEHLSDECRRRFYKDWHSKKAFTKACKRWRDA
 DGKKQLQKDF AAMKKYCKVIRVIVHTQMKLLPFRQKKAHIMEIQLNGGTVAEKVAWAQARLEKQVPVHSV
 FSQSEVIDVIAVTKGRGVKGVTSRWHTKKLPKTHKGLRKVACIGAWHPARVGC SIARAGQKGYHHRTTEL
 NKKIYRIGRGLHMEDGKMVRNNA STSYDVTDKSITPLGGFPHYGEVNNDFVMLKGC IAGTKKRIVITLRKS
 LLVHHSRRALENIELKFIDTTSKFGHGCFQTAQEKR AFMGPQKKHLEKEK PETS GNV

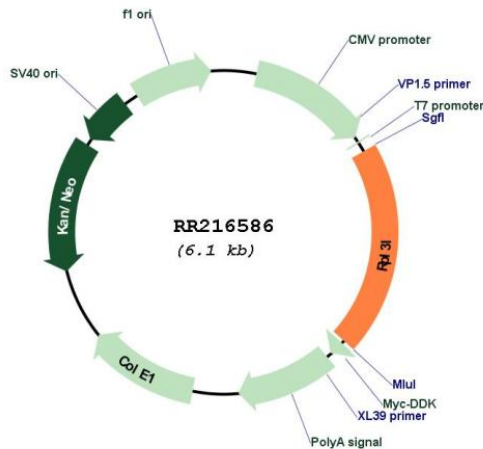
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001191589

| | |
|-------------------------------|---|
| ORF Size: | 1221 bp |
| OTI Disclaimer: | 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_001191589.1 , NP_001178518.1 |
| RefSeq Size: | 1336 bp |
| RefSeq ORF: | 1224 bp |
| Locus ID: | 287122 |
| Cytogenetics: | 10q12 |
| MW: | 46.4 kDa |