

## Product datasheet for MR213044

### Rpl3l (NM\_025425) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rpl3l (NM_025425) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rpl3l
Synonyms:	1110057H16Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR213044 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGTTGCTGCCCTTTCGGCAGAAGAAGGCCACATCATGGAGATTCAGCTGAACGGTGGCACCCGTGG  
CTGAGAAGGTGGCTTGGGTTTCAGGCACGGATGGAGAAGCAGGTGCCTGTACACAGCGTGTTCAGCCAGAG  
TGAGGTTATTGATGTCATTGCTGTACGAAGGGCCGGGTGTTAAAGGGTGACCAGTCGCTGGCATAACC  
AAGAAGCTTCCAAGGAAGACCCACAAAGGCTTGCACAAAGTGGCCTGCATCGGCGCTGGCACCCCTGCC  
GAGTAGGCTGCTCCATCGCCCGGCTGGCAGAAGGGTTACCACCACCGTACAGAGCTGAACAAGAAGAT  
CTACCGCATTGGCCGGGGCTGCACATGGAAGATGGAAAGATGGTCAGAAACAACGCATCCACCAGCTAC  
GACGTAACGTACAAGTCAATCACACCCCTGGGTGGCTTCCCCACTATGGGGAAGTGAACAATGACTTCA  
TCATGTTAAAGGGCTGCATTGCAGGTACCAAGAAGCGAGTGATCACTCTGAGAAAGTCCCTTCTGGTGCA  
CCACAGCCGCAGGGCCCTGGAGAATATTGAGCTCAAGTTCATTGACACCATTCTAAGTTTGGCCACGGA  
TGTTTTTCAGACAGCGCAGGAGAAGAGGGCTTCATGGGTCCCCAAAAGAAACATCTGGAGAAAGAGAAGC  
CGGAGACCTTGGGAAACATG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

**Protein Sequence:** >MR213044 protein sequence  
 Red=Cloning site Green=Tags(s)

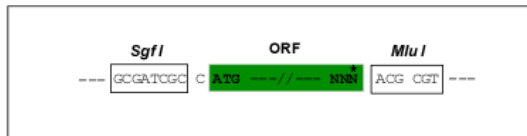
MKLLPFRQKKAHIMEIQLNGGTVAEKVAWVQARMEKQVPVHVSFSQSEVIDVIAVTKGRGVKGVTSRWHT  
 KKLPRKTHKGLRKVACIGAWHPARVGC SIARAGQKGYHHRTELNKKIYRIGRGLHMGDKMVRNNASTSY  
 DVTDKSITPLGGFPHYGEVNDFIMLKGC IAGTKKR VITLRSLLVHHSRRALENIELKFIDTTSKFGHG  
 CFQTAQEKRAFMPQKKHLEKEKPETLGNM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_025425

**ORF Size:** 723 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:**

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\\_025425.1](#), [NM\\_025425.2](#), [NM\\_025425.3](#), [NM\\_025425.4](#), [NP\\_079701.1](#)

**RefSeq Size:** 1065 bp

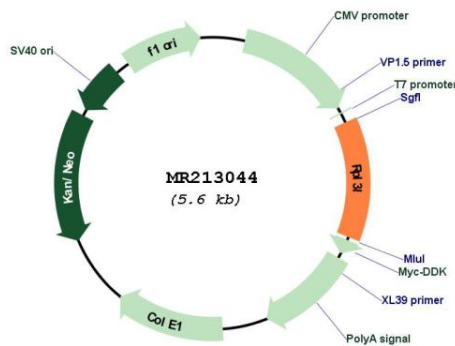
**RefSeq ORF:** 723 bp

**Locus ID:** 66211

**Cytogenetics:** 17 A3.3

**MW:** 27.1 kDa

**Product images:**



Circular map for MR213044