

## **Product datasheet for RR210508**

### Rps24 (NM\_031112) Rat Tagged ORF Clone

### **Product data:**

**Product Type:** Expression Plasmids

Product Name: Rps24 (NM\_031112) Rat Tagged ORF Clone

Tag: Myc-DDK
Symbol: Rps24
Synonyms: L33

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

Cell Selection: Neomycin

ORF Nucleotide >RR210508 representing NM\_031112

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGAATGACACGGTAACCATCCGGACCAGGAAGTTCATGACAAACCGTCTGCTTCAGAGGAAACAGATGG
TCATTGATGTCCTTCATCCTGGGAAGGCCACAGTACCAAAGACAGAATTCGGGAAAAGCTGGCCAAGAT
GTACAAAACCACACCAGATGTCATCTTTGTATTTGGATTCAGAACCCACTTTGGTGGAGGCAAGACAACT
GGCTTTGGCATGATCTATGATTCTTTAGATTATGCAAAGAAGAATGAGCCTAAACACAGACTTGCGAGAC
ATGGCCTTTATGAGAAGAAAAAGACCTCCCGCAAACAGCGAAAAGAACAGAACAGAATGAAGAAGGT

CAGGGGGACTGCAAAGGCCAATGTTGGTGCTGGCAAAAAGCCAAAGGAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR210508 representing NM\_031112

Red=Cloning site Green=Tags(s)

MNDTVTIRTRKFMTNRLLQRKQMVIDVLHPGKATVPKTEIREKLAKMYKTTPDVIFVFGFRTHFGGGKTT

GFGMIYDSLDYAKKNEPKHRLARHGLYEKKKTSRKQRKERKNRMKKVRGTAKANVGAGKKPKE

**TRTRPL**EQKLISEEDLAANDILDYKDDDDK**V** 

**Restriction Sites:** Sgfl-Mlul



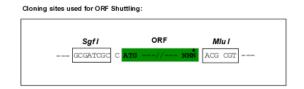
**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

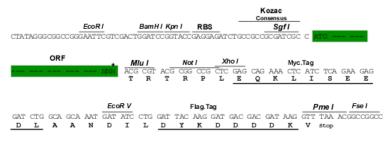
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



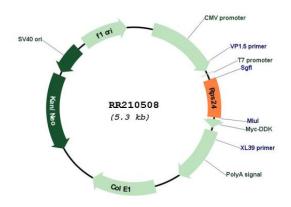
#### **Cloning Scheme:**





<sup>\*</sup> The last codon before the Stop codon of the ORF

#### Plasmid Map:



**ACCN:** NM\_031112

ORF Size: 399 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



# Rps24 (NM\_031112) Rat Tagged ORF Clone - RR210508

**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:** <u>NM 031112.1</u>, <u>NP 112374.1</u>

 RefSeq Size:
 466 bp

 RefSeq ORF:
 402 bp

 Locus ID:
 81776

 UniProt ID:
 P62850

 Cytogenetics:
 16p16

 MW:
 15.4 kDa

**Gene Summary:** ribosomal protein subunit [RGD, Feb 2006]