

## Product datasheet for MR203800

### Rrp15 (NM\_026041) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rrp15 (NM_026041) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rrp15
Synonyms:	2810430M08Rik; 5430437H21Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203800 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTGCGGCCGTTTCAGGACTCACGTGTGAGCCAGGGGAGATGCTGAAGCGTTCCTCCGAAGAAGAAGA  
AAAAGATGAAGATGGTAGCCAAGGCTGCGGCGTCGAAGCTAGAAGATGAGGTCAAAGACTCTTCTGATGG  
AGAAGGAAGCTGTGACTCAGACATGGACCACTCAGATGATGGAGCTGCAGAAGCAGACAGTGAGGACAAT  
GTTGAATCCTGTGAGGAAGACAATGAAGACGCTGCAGAGTCGAGTGTGGACCAATTCAGGCTGGGCAG  
ATGCCATGGCAAAAATCCTTAACAAAAAGACTCCTAAAAGCAAAGCCACCATCCTCACAAAAACAAGA  
GCTGGAGAAGGAGAAGGAGAAGCTAAAGCAGGAGAGGCTGGAGAAAAGGAAGCAGCTTGATAAGAAGCGG  
GAGTGGGAAATGCTGTGCAGAGTGAAGCCAGATGTTGTCAAAGACAAAGAGGCAGAGAGGAACCTTCAGA  
GGATTGCGACAAGGGGTGTGGTGCAGCTCTTCAATGCTGTTTCAGAAAACCAAAGGAATGTTGGCGAAAA  
GGTTAAGGAAGCGGGAGGCTCCGTCCGCAAGCGAGCCAAGCTGATGTCAACTGTTTCCAAGAAGGATTTTC  
ATCAGTGTCTTCGAGGAATGGATGGTACAAGTAGGAACAGTCTGCTGGGAAGAGCCCCAAAGCCAGAC  
AGACTGAAGTAAATCAGAAGAGAGCCCAGGGTGAAGATTCTGCGAGATGATTTTCATGATGGGAGCCAG  
CATGAAGGACTGGGACAAGGAGAGCGAGGGCGAGGAGCCTGCTGGTGGCAGGGCAGAGGCCCGAGCCAGC  
CGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR203800 protein sequence  
 Red=Cloning site Green=Tags(s)

MAAAVQDSRVSPGEMLKRSPPKKKKMKMVAKAAASKLEDEVKDSDDGEGSCDSDMDHSDDGAAEADSEDN  
 VESCEDNEDAAESSAGTNSGWADAMAKILNKKTPKSKATILTKNKELEKEKEKLQERLEKRKQLDKKR  
 EWEMLCRVKPDVVKDKEAERNLQRIATRQVVQLFNAVQKHQRNVGEKVKKEAGGSVRKRAKLMSTVSKKDF  
 ISVLRGMDGTSRNSPAGKSPKARQTEVKSEESPGWKILRDDFMGASMKDWDKESEGEEPAGGRAEAAAS  
 R

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\_026041

**ORF Size:** 846 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\\_026041.2](#), [NP\\_080317.3](#)

**RefSeq Size:** 1228 bp

**RefSeq ORF:** 846 bp

**Locus ID:** 67223

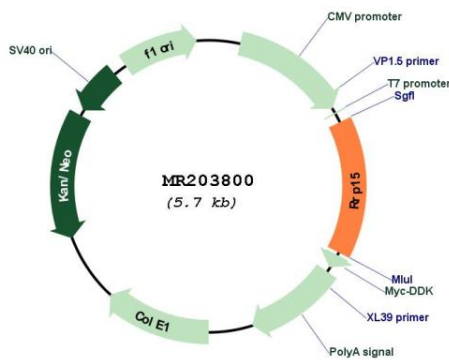
**UniProt ID:** [Q9CYX7](#)

**Cytogenetics:** 1 H5

**MW:** 31.1 kDa

**Gene Summary:** This gene encodes a protein similar to budding yeast Rrp15p. Rrp15p is a component of pre-60S ribosomal particles in budding yeast, and is required for the early maturation steps of the 60S subunit. The mouse genome contains at least one pseudogene on the X chromosome. [provided by RefSeq, Jul 2008]

**Product images:**



Circular map for MR203800