

Product datasheet for **MC216808**

Rrp1 (NM_010925) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rrp1 (NM_010925) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rrp1
Synonyms:	AL033305; AL033306; AU018604; NNP-1; Nnp1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216808 representing NM_010925
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTTCCCGAGTGCCGCTCCCGCCGGAGATCCAGCTGGCGCAGCGCCTGGCGGCAATGAACAGGTGA
 CGCGGGACCGCGGTTGCGGAAGCTGCGGAAGTACATCGAGGCCAGGTGCGCAGCGGGCGACAGGTGGTTT
 CACTCCAGATGAACTGCTAAAAGTATGGAAGGACTGTTTTACTGCATGTGGATGCAGGACAAGCCCTC
 CAGCAGGAAGAAGTAGGAAGGACCATTGCCAGCTTGTCCATGCTTTTCACACGACGGAGGCACAGCACC
 AGTTCTGAAGGCCTTCTGGCAGACCATGATCCGGGAGTGGTGGGCATTGACAGACTGCGCCTGGATAA
 GTTCTACATGCTCATGAGGATGGTCTAAGTGAGTCACTGAAGGCTGTGAAAGCCCGGGGATGGGACGAG
 AGACAGATTGAGCAGCTGCTAGAGCTGTAACACCGAGATCCTGAACCCCGACAGCCAGGCCCCAGTG
 GGTGAAGAGCCACTTCTAGAGATCTTCTGGAGGAGCTGGCCAAAGTGGGCGTGCAGAGCTCACCGC
 AGACCAGAATCTGCAGTTCATCGACCCCTTCTGCCAGATAGCAGCCCGACTAAGGATCCAGGTTTTG
 CATAAGATCATTAGAGCATCTTTCAGACGATTGTGGAGCAGGCTCCCTTGGCCATAGAAGACATCATGA
 ATGAACTGGACACACAGAGTGGAGAGGGTGAAGCATCAGATGGTATGATGGTGAAGCATCAGATGGTGA
 TGATGGAGAAGCATCAGACGATGATGATGGTGAAGCGTCAGATGGTGGTATGGTATGTGGCAGACAGT
 GATGATAGTGTGGGGCAGACGATGATGATGGTACGCTGTGACAGGTCAGACGGTGACGGTGGTACAAATGATGAAG
 GTGACAGTAACAAGTCTCAGAGGGTGAGCAGGATCTGCAAGACACACCACCAAGAAGCTGCCTGCAGG
 CACCGCACATAGGGCTGGCCCTGAGGCAGACAAGGAACAGGCGTGGGATGACGAGGAGAAGCTGGCCCT
 GTCCTCCAGTTTGACTACGAGGCACTTGCTAACAGGCTGTTCAAGCTCGCCAGTAGACAGACACCCCTT
 CTCAGAACAGGAAGCGCCTCTACAAAGTATCCAAAAGCTGCGGGAGCTGGCTGGAGGCACTTTCCAGA
 GGATGATGTCCCTGAAAAAGCCTACAAGAAGATGCTGGAAGGGAGGCGGGAACGGAAGAAGAAAAAGAG
 CGTTGCCAAACCTCAGCCCCAGAATAAGGAAGCGGGGAGTGAGGCAGAATCCTCAAGTGCAGACCCAG
 GCCCAGGAAGGAAGGAAGAGGAACAGGAAAACGGATGAGAAGGCTGGCCAAGGGGCTCCTCTGGGAA
 GAGGAGGAAGCCCGGGCTAGGGCAAAGGGGGCTGGGGCCAGCAACCCAAGAAGAGGATACAGTATCA
 CAGAGTGCAGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_010925
- Insert Size:** 1485 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_010925.2](#), [NP_035055.2](#)

RefSeq Size: 2008 bp

RefSeq ORF: 1485 bp

Locus ID: 18114

UniProt ID: [P56183](#)

Cytogenetics: 10 39.72 cM

Gene Summary: Plays a critical role in the generation of 28S rRNA.[UniProtKB/Swiss-Prot Function]