

## Product datasheet for **RN215237**

### **Rpn1 (NM\_013067) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rpn1 (NM_013067) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rpn1
Synonyms:	RIBI; RPN-I
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN215237 representing NM\_013067  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGGCGCCGATCGTCTTGCTGCTGCTATGGCTCGGGCCTTGGCCCCGACGCCCGGACGCGCT  
 CTTGCGAGGCTCCGCCGCTGGTCAACGAGGACGTGAAGCGCACGGTGGACCTGAGCAGCCACCTAGCCAA  
 GGTGACGGCTGAGGTGGTCTGGCGCACCCGGCGGGCTCTACAGCACGAGCCAGCTCTTTCGTTCTG  
 GCCCTGGAGCCGAAGTGGAGTCGCGACTTGCACACCTAGGCGTGCAGGTAAAGGGAGAAGATGAGGAAG  
 ACAACAACCTAGAAGTACGAGAAACAAAATGAAGGGGAAAAGTGGGAGGTTTTCCACCCTCAAGCTCCC  
 AGTTGCTCTTGATCCTGGGTCCAAGATCTCAATCGTTGTGAAACTGTCTACACCCATGTGCTTCATCCA  
 TACCCGACTCAGATAACTCAGTCAGAGAAACAGTTTGGTGTGGAGGGCAACCATTCTACTCTC  
 CCTATCCAACAAGACCCAGACCATGCGAGTGAGACTTGGTCCCGAAATGTGGAGGCCATACCAAGCT  
 GGGGAACCCCTCAAGTCTGAGGACATCCTGGACTATGGGCTTTTAAAGACATCCCTGCCTACAGTCAG  
 GATACTTTCAAAGTACATTATGAGAACAATAGCCCTTTCCTGACCATCACCAGTATGACCCGGGTCATTG  
 AGGTTTCTCACTGGGCAATATTGCTGTGGAAGAGAACGTGGACTTGAAGCATACAGGTGCGGTGCTGAA  
 GGGACCTTCTCCGCTACGATTACCAGAGGCAGCCTGACAGTGGGATCTCCTCCATTGTTCTTTAAG  
 ACCATCCTTCTGCTGCTGCCAGGATGTGATTACCGGGATGAAATCGGTAATGTTCCACCAGCCACC  
 TCCTTATTTGGATGACTCCGTGAAAATGGAAATCCGGCTCGATTTCTCTCTTTGGAGGGTGGAAAGC  
 AACTACATCGTTGGTTACAACCTCCCAAGCTATGAGTACCTCTATAATCTGGGTGACCAGTATGCACTG  
 AAGTGGGTTTGTAGACCACGTGTTGATGAGCAAGTATAGATTCTCTGACAGTGAAGATCATCCTTC  
 CTGAGGGAGCCAAGAATCCAGGTAGACAGTCCCTACGATATTAGCCGGGCCCCAGATGAGCTGCATTA  
 CACCTACCTAGACACATTCCGGCCCGCGGTGATTGTTGCTTACAAGAAGAATCTAGTTGAACAGCACATT  
 CAGGACATTGTTGCTGCACTACACATTCAACAAGGTGCTCATGCTGCAGGAGCCTCTGCTGTTGTGGCCG  
 CTTTCTACATCCTGTTCTTACCAGTCACTACCTACGTCGCTTAGACTTTTCCATCACCAGGACCCAGC  
 AGCAGAAGCCAGGATGAAAGTGGCCTGTATCACAGAGCAGGTCTTAACCCCTGGTCAACAAGAGGTTAGGC  
 CTCTACCCTCACTTTGATGAGACTGTCAATAGATACAAGCAGTCCCGGACATCTCTACCCTCAATAGTG  
 GCAAGAAGAGCCTAGAGACAGAGCACAAGCTGTGACCAGTGAAGTGTGCTGCTGACAGTCTAGGCTGAA  
 GACGGAGGCTCTGACCTGTGTGACAGGGTGAAGGAAATGCAGAAGCTGGACGCGCAGGTCAAGGAGCTG  
 GTACTGAAGTCTGCGGTGGAGGCAGAGAGGCTGGTGGCTGGCAAGCTCAAGAAGGACACATACATCGAGA  
 ATGAAAAGCTCAGCTCAGGAAAACGCCAGGAGCTGGTCAACAAGATCGACCACATCCTGGAGCTCTGTA  
 G

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_013067

**Insert Size:** 1821 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.

**RefSeq:** [NM\\_013067.2](#), [NP\\_037199.2](#)

**RefSeq Size:** 2261 bp

**RefSeq ORF:** 1821 bp

**Locus ID:** 25596

**Cytogenetics:** 4q34

**Gene Summary:** may play a role in translocation of nascent polypeptides synthesized on membrane bound polysomes [RGD, Feb 2006]