

## Product datasheet for **RN201832**

### **Rhpn2 (NM\_001107505) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rhpn2 (NM_001107505) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rhpn2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >RN201832 representing NM\_001107505  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACCGACGCGTCTACCTGCGGCCCCAGCCGCTGGAGAAAGAGAGTGACGACTACTTTCGAAAGG  
 GCTGTAATCCTCTCGCACAACTGGCCGAGCAAGCTGCAGAATCAAAGGGCTGCCTTGAACCAACAGAT  
 CCTGAAGGCTGTGCGGATGCGGACAGGAGCTGAGAACCTTCTGAAAGTACCACGAACCAGAAGGTGCGG  
 GAACAGGTTGCGCTGGAGCTGAGCTTTGTCAACTCAGACCTGCAGATGCTGAAGGAAGAGCTGGAGGGGC  
 TCAACATCTCCGTGGGAGTGACCAAGGCACCGAGGAAGCCTTACCATTCTCTGATTCCTCTCGGCCCT  
 GAAGGAAACCAAGAAGTTGACTTTTCCATCGTCTTCAAGGATTTATTTTGAACATTACAGTGAAGAT  
 AGCTATTTGTATGAGGATGACATTGCAGACCTTATGGACCTGCGACAGGCCTGCCGAACACCCAGCAGGG  
 ATGAGGCAGGGGTTGAAGTCTCATGTCATACTTCACTCAGTTGGGCTTTGTGGAGAGTAGGTTTTTCCC  
 GCCACCCGCCACATGGGGCTCCTGTTTACCTGGTATGACTCGTTCAGTGGATTCCGGTCAGCCAGCAG  
 ACCTGCTGTTGGAGAAGGCCAGCATTCTTCAACATTGGGGCACTGTACACCCAGATTGGGACCCGCT  
 GTAACCGGCAGACAGAGGCTGGCTTGGAGAGCGCCGTTGGATGCCTTTTCAGAGAGCTGCAGGGGTTTTAA  
 CTACCTGAAAGAGACCTTCACTCACACTCCAAGTTACGACATGAGCCCTGCCATGCTCAGCGTGTGGTC  
 AAAATGATGCTCGCCCAAGCCAAAGAAAGCGTGTTTGAGAAAACTGCTCCTGGGGATCCAGAATGAGT  
 TCTTTGTGCTGGTAAAGTGGCTCAGGAGGCTGCCAAGGTGGCAGCGCCCTACCGCAACTGCATGCAGC  
 CATGAGCCAGGAACCAAGTAAAGAGAATCCCGTACTCGTGGCCAGCGTGGCCTATGTGAAGGCCATC  
 CACTATGGCGCGCTGGCTCACTACTTTGCAGCCACACTCCTCATCGACCACAGCTAAAGCCAGGCGCGG  
 ACGAGGACCAACAGAGAATGCCTGTCCCAGCTCTATGACCCATGCCGGAAGGGATGACGCCTCTGGC  
 CAGCTGAAGAATGATGGGCAGCGTGTACTGCTCGGTAAGGACATCTGCACCGGCCATTGACTACCAC  
 AAGGAGTCACTGAGGGAGGCTAACCTGTGCAAGAAGCTGCGTGACATTACGGTGTCCGAGATGTGCTGT  
 CTGCTGCCATCAGCGCACTCAGCTCAAGTACACCCAGCACCAACAGGATGATGATCTTCTGAACTTGAT  
 TGACGCTCCAGATGTCCTTCCAAAAGTGGAGGAGGTCAAATAACCTTCCCGACTTCTCGAAAGTG  
 ACAGTGACAGACTTCTTTCAGAAGCTGGTCCCCTGTCTGTGTTTTCGGCCAGCAAGAGATGGTCACCTC  
 CTCGAGGCATTCACTTCAAGTGAAGGAAGGGACTTGGGCTTCACTTACGAGGAATACCCAGTCCA  
 GGTGCATTTCTGGACCCTCACTGCTCTGCTTGCAGGGGCAAGGAAGGAGATTATCGTCTCC  
 ATCAAGGCTTGGACTGCAAGTGGCTGACAGTGAAGTATGAAGTTGCTGAAGAGCTTTGGGGGAG  
 AAGAGGTGGAGATGAAGTCTGAGCCTCCTGGACTCCACATCATCCATGCATAATAAGTGTGCCACCTA  
 CTCCGTGGGGATGCAGAAAACGTAATCCATGATATGCTTGTCCATGGACGATGACGACAAAGCTGACAAG  
 ACCAAGAAGATCTCAAAAAGCCCTCCTTCTTGTGAGTTGGAGCACCAGTAAAAACAGACAGAAGTCGGCCA  
 GCACGCTGTGCCTCCCAATGTTGGCTGGCAAGGCCGCAAAAACAAGAAGACTCCCAACTCCCTTCAG  
 CCTGCTCAATTCGACAGCTCTCTGTACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001107505
- Insert Size:** 2061 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\\_001107505.1](#), [NP\\_001100975.1](#)

**RefSeq Size:** 3185 bp

**RefSeq ORF:** 2061 bp

**Locus ID:** 308516

**Cytogenetics:** 1q21