

## Product datasheet for **RN202967**

### **Pak4 (NM\_001106238) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pak4 (NM_001106238) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pak4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN202967 representing NM\_001106238  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTTTGGAAAGAAGAAGAAGCGGGTGGAGATCTCGGCCCATCCAACCTCGAGCACCGGTACACACAG  
 GCTTCGATCAGCATGAGCAGAAGTTCACAGGGCTGCCCCGCCAGTGGCAGAGCCTGATTGAGGAGTCAGC  
 GCGCAGACCCAAGCCCCTGATCGACCCTGCTTGCATCACTTCCATCCAGCCTGGAGCCCCAAGACCATC  
 GTGCGGGGCGAGCAAAGGTGCCAAGGATGGGGCTCTCACACTGCTGCTGACGAATTTGAGAACATGTCGG  
 TGACACGCTCCAACCTCCCTGCGCAGAGAGAGTCTCCACCCCCTGCCCGGCCCATCAGGAAAATGGAAT  
 GCTGGAGGAGCGGGCAGCTCTGGCCAGAATGGCCCTGACAAAGCTGGAGGCAGGGGCCGGGCCACAGGC  
 CACAGTGAGGCAGGCAGTGGCAGTGGTACAGACGGCGGGTGGGGCCAGAGAAGAGGCCCAAGTCATCAA  
 GGGAGGGCCAGGAGGGCCAGGAGGTCTCCCGTGATAAGCGCCCCCTCTGTTGCTGATGTCAGCAC  
 TCCTCAGCCTGGCAGTCTGGCCAGCGAGACAAAAGTAGCAGCTGGCAGACCCCTTAAACACATACCCTCGG  
 GCTGACACGGACCACCCACCCCGGGTACCCAGGGGAGCCACACACCATGGCCCTAATGGGCCATCAG  
 CCATAGGCCTGGCTGCTCCTCAGTCTTCTCCTCCTCCCGGCCTCCACCCGAGCCCGTGGTGTCCCGAG  
 CCCGGGAGTGCTGGGTCCCATGCCTCTGAGCCCCAGTTGGCCCCCAGCACGTGCCCTTGTGCCCT  
 GCTGTACCCCTGCTCCTGGGCCCTGGGCCTCGGTACCACAGCGGGAGCCCCAACGAGTATCCCATG  
 AGCAGTTCCGGGCGCCCTGCAGTATGGTGGACCCAGGGGACCCTCGTTCCTATCTAGACAACCTCAT  
 CAAGATTGGCGAGGGCTACAGGTATTGTGTCATAGCCACTGTGCGAAGCTCGGGCAAACCTGGTGGCC  
 GTCAAGAAGATGGACTTGCCTAAGCAGCAGAGACGTGAGCTGCTTCAATGAGGTGGTATCATGAGGG  
 ACTACCGCATGAAAACGTGGTGGAGATGTACAACAGTACCTGGTAGGCGATGAGCTCTGGGTGGTCAT  
 GGAGTTCTGGAGGGAGGCGCCCTCACGGATATTGTACCCACACCAGGATGAATGAGGAACAGATTGCC  
 GCCGTGTGCCTGGCTGTCTTACGGCGTGTCTGTGCTCCATGCCAGGGCGTATCCACCGTGACATCA  
 AGAGTGACTCCATCCTGTGACCACGATGGCCGGGTGAAGCTGTCCGACTTCGGGTTTTGTGCCAGGT  
 GAGCAAGGAGGTGCCTCGGAGGAAGTCGCTGGTGGGCACCCATACTGGATGGCCCCAGAGCTCATCTCC  
 CGCCTTCCCTACGGGCCAGAGGTGGATATCTGGTCACTGGGGTAAATGGTATCGAGATGGTGGATGGGG  
 AACCCCTACTTCAACGAGCCACCCCTGAAAGCCATGAAGATGATTCGGGACAACCTGCCGCCCGACT  
 GAAGAACCTGCACAAGGCCTCACCATCTCTGAAAGGCTTCTTGGATCGCCTGCTGGTGCCTGACCCAGCC  
 CAGCGGGCCACTGCTGCTGAGCTGCTGAAGCACCCGTTCTCACCAAGGCGGGGCCAGCCAGCATTG  
 TGCCCTTATGCGCCAGCACCGAAACAGATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAAGTCTCAGAAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001106238
- Insert Size:** 1782 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\\_001106238.1](#), [NP\\_001099708.1](#)

**RefSeq Size:** 2857 bp

**RefSeq ORF:** 1782 bp

**Locus ID:** 292756

**Cytogenetics:** 1q21