

## Product datasheet for **MC227952**

### **Pnkp (NM\_001290766) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pnkp (NM_001290766) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pnkp
Synonyms:	1810009G08Rik; PNK
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC227952 representing NM\_001290766  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCACAGCTTGGATCCCGGGCCGCCTGTGGCTGCAGAGCCCCACCGTGGGCGCCCCCTATATTCC  
 TGCCGTCGGATGGCCAAGCCTGGTCTCGGTCGGGGACCCTGACCCAAGTGACGGACCGGAAGTGCTC  
 CCGAAACCAAGTGGAGCTGATTGCAGACCTGAAAGCCGACAGTGGCAGTGAACAGCTGGGTGTTAAC  
 CCGTCAACTGTTGGGGTCCAGGAGTTGAAGCCAGGACTGTCTGGCTCTCTAAGCTTGGGGGATGTCTTT  
 ATCTGGTTAATGGCCTATATCCCCTGACCCTGCGTTGGGAAGAGCTCAGCACATCAGGATCCCAGCCAGA  
 TGCTCCACCAGACTCCTGGGGATCCGGAGGAGGAGAGGATACTGAGCCTCAGAAAAAGCGAGTTCGG  
 AAATCCTCTCTTGGCTGGGAGAGCTTAAGAAGTTACTGGTGTTCACAGCGTCTGGGGTGAAGCCCCAGG  
 GCAAGGTGGCTGCCTTTGACCTAGATGGGACCCTCATCACCACCCGCTCTGGAAAGGTCTTCCCCTAG  
 CCCTAGTGACTGGAGATTCTGTACCCAGAGATCCAAAGAAGTCCAGGAGCTGGCTGTGAAGGCTAC  
 AAGGTGCTGGTGGCAACACATGCAGGTCTAAACCGAAAGCCAGTGAAGTGGCATGTGGGACCATCTGCAGG  
 AGCAGGCCAACGAGGGCATCCCCATCTCGGTAGAGGACAGTGTCTTCGTGGGAGATGCAGCAGGGCGCT  
 AGCCAACCTGGGCACCGGGGAGGAAAAAAGGATTTCTCTTGTGCAGACCGCCTGTTTCGCCCTTAACGTC  
 GGCTGCCCTTTGCCACTCCGGAAGAGTTTTCTTAAGTGGCCGGCTGCCCGCTTTGAGCTTCCAGCTT  
 TCGACCCGAGGACTATCTCCAGTGTGGGCCCTCTACCTTCCAGAGTCCAGCTCTCTCCTGAGCCCCAA  
 CCCAGAGTGGTGGTCCAGTAGGATTCCTGGGGCCGCAAGTCCACTTTCATCCAGGAGCACCTAGTG  
 TCAGCTGGCTACGTCCATGTGAACAGGGACACGCTGGGCTCGTGGCAGCGCTGTGTGAGCTCATGCCAGG  
 CGGCACTGAGGCAGGGGAAGCGAGTCTGATTGACAACCAACCCAGATGTCCCAAGTCCGGGAGGTA  
 CATCCAATGTGCCAAAGATGCAGGTGTGCCTGCCGCTGTTCAACTTCTGTGCTACAATAGAGCAGGCA  
 CGCCACAACAACAGGTTTCGTGAGATGACCGACCTTCGCATGCACCTGTGTCCGACATGGTCATGTTTA  
 GCTACAGGAAGCAGTTTGGCCGCCCACTGGCTGAAGGCTTCTGGAGATCCTTGAGATTCCATTCCG  
 GTTACAGGAGCATCTGGACCCGGCACTGCAGCGACTGTACCGCCAGTTTTCCGAGGGTGA

**ACCGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001290766
- Insert Size:** 1461 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001290766.1](#), [NP\\_001277695.1](#)

**RefSeq Size:** 2026 bp

**RefSeq ORF:** 1461 bp

**Locus ID:** 59047

**Cytogenetics:** 7 B3