

## Product datasheet for **MC228148**

### **Pnkp (NM\_001290764) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pnkp (NM_001290764) 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:** >MC228148 representing NM\_001290764  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCACAGCTTGGATCCCGGGCCGCCTGTGGCTGCAGAGCCCCACCGTGGGCGCCCCCTATATTCC  
 TGCCGTCGGATGGCCAAGCCCTGGTCTCGGTCGGGGACCCTGACCCAAGTGACGGACCGGAAGTGCTC  
 CCGAAACCAAGTGGAGCTGATTGCAGACCTGAAAGCCGACAGTGGCAGTGAACAGCTGGGTGTTAAC  
 CCGTCAACTGTTGGGGTCCAGGAGTTGAAGCCAGGACTGTCTGGCTCTCTAAGCTTGGGGATGTCTTT  
 ATCTGGTTAATGGCCTATATCCCTGACCCTGCGTTGGGAAGAGCTCAGCACATCAGGATCCCAGCCAGA  
 TGCTCCACCAGACTCCTGGGGATCCGGAGGAGGAGAGGATACTGAGCCTCAGAAAAAGCGAGTTCGG  
 AAATCCTCTCTGGCTGGGAGAGCTTAAGAAGTTACTGGTGTTCACAGCGTCTGGGGTGAAGCCCCAGG  
 GCAAGGTGGCTGCCTTTGACCTAGATGGGACCCTCATACCACCCGCTCTGGAAAGTCTTCCCCTAG  
 CCCTAGTGACTGGAGATTCTGTACCCAGAGATCCAAAGAAGCTCCAGGAGCTGGCTGTGAAGGCTAC  
 AAGTTGGTAATCTTACCAACCAAAATGGGCATCGGGCGAGGCAAGCTGCCAGCAGAGGTGTTCAAGGGCA  
 AGGTGGAAGCTGTATTGGAGAAGTTAGGGTCCCATTTCAAGTGTGGTGGCAACACATGCAGGTCTAAA  
 CCGAAAGCCAGTGAAGTGGCATGTGGACCATCTGCAGGAGCAGGCCAACGAGGGCATCCCCTCTCGGTA  
 GAGGACAGTGTCTTCGTGGGAGATGCAGCAGGGCGCCTAGCCAACGGCACCGGGAGGAAAAAAGG  
 ATTTCTCTTGTGCAGACCGCCTGTTTCGCCCTAACGTCGGCTGCCCTTTGCCACTCCGGAAGAGTTTTT  
 CCTTAAGTGGCCGGCTGCCCGCTTTGAGCTTCCAGCTTTCGACCCGAGGACTATCTCCAGTGTGGGCC  
 CTCTACCTTCCAGAGTCCAGCTCTCTCTGAGCCCCAACCCAGAGGTGGTGGTGCAGTAGGATTCCTG  
 GGGCCGCAAGTCCACTTTCATCCAGGAGCACCTAGTGTGACGCTGATGTCAGTCCATGTGAACAGGGACAC  
 GCTGGGCTCGTGGCAGCGCTGTGTGAGCTCATGCCAGGCGGCACTGAGGCAGGGGAAGCGAGTCGTGATT  
 GACAACACCAACCCAGATGTCCCAAGTCGGGCCAGGTACATCCAATGTGCCAAAGATGCAGGTGTGCCCT  
 GCCGCTGTTTCAACTTCTGTGCTACAATAGAGCAGGCACGCCACAACAACAGTTTTCGTGAGATGACCGA  
 CCCTTCGCATGCACCTGTGTCGGACATGGTCATGTTTAGCTACAGGAAGCAGTTTGGCCGCCACACTG  
 GCTGAAGGCTTCTGGAGATCCTTGAGATTCCATTCCGGTTACAGGAGCATCTGGACCCGGCACTGCAGC  
 GACTGTACCGCCAGTTTTCCGAGGGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001290764

**Insert Size:** 1569 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\\_001290764.1](#), [NP\\_001277693.1](#)

**RefSeq Size:** 2042 bp

**RefSeq ORF:** 1569 bp

**Locus ID:** 59047

**Cytogenetics:** 7 B3