

Product datasheet for **MC217396**

Pnkp (NM_021549) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pnkp (NM_021549) 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: >MC217396 representing NM_021549
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCACAGCTTGGATCCCGGGCCGCCTGTGGCTGCAGAGCCCCACCGTGGGCGCCCCCTATATTCC
TGCCGTCGGATGGCCAAGCCCTGGTCTCGGTCGGGGACCCTGACCCAAGTGACGGACCGGAAGTGCTC
CCGAAACCAAGTGGAGCTGATTGCAGACCTGAAAGCCGGACAGTGGCAGTGAACAGCTGGGTGTTAAC
CCGTCAACTGTTGGGGTCCAGGAGTTGAAGCCAGGACTGTCTGGCTCTCTAAGCTTGGGGATGTCTTT
ATCTGGTTAATGGCCTATATCCCCTGACCCTGCGTTGGGAAGAGCTCAGCACATCAGGATCCCAGCCAGA
TGCTCCACCAGACTCCTGGGGATCCGGAGGAGGAGAGGATACTGAGCCTCAGAAAAAGCGAGTTCGG
AAATCCTCTCTGGCTGGGAGAGCTTAAGAAGTTACTGGTGTTCACAGCGTCTGGGGTGAAGCCCCAGG
GCAAGGTGGCTGCCTTTGACCTAGATGGGACCCTCATACCACCCGCTCTGGAAAGTCTTCCCCTAG
CCCTAGTGACTGGAGATTCTGTACCCAGAGATCCAAAGAAGCTCCAGGAGCTGGCTGTGAAGGCTAC
AAGTTGGTAATCTTCACCAACCAATGGGCATCGGGCGAGGCAAGCTGCCAGCAGAGGTGTTCAAGGGCA
AGGTGGAAGCTGTATTGGAGAAGTTAGGGTCCCATTTACAGTGTGGTGGCAACACATGCAGGTCTAAA
CCGAAAGCCAGTGAAGTGGCATGTGGGACCATCTGCAGGAGCAGGCCAACGAGGGCATCCCCTCTCGGTA
GAGGACAGTGTCTTCGTGGGAGATGCAGCAGGGCGCCTAGCCAACCTGGGCACCGGGGAGGAAAAAAGG
ATTTCTCTGTGCAGACCGCCTGTTCCGCCTTAACGTCCGCTGCCCTTTGCCACTCCGGAAGAGTTTTT
CCTTAAGTGGCCGGCTGCCCGCTTTGAGCTTCCAGCTTTCGACCCGAGGACTATCTCCAGTGTGGGCC
CTCTACCTCCAGAGTCCAGCTCTCTCTGAGCCCCAACCCAGAGTGGTGGTGCAGTAGGATCCCTG
GGGCCGCAAGTCCACTTTCATCCAGGAGCACCTAGTGTGAGTGCAGTGGCTACGTCATGTGAACAGGGACAC
GCTGGGCTCGTGGCAGCGCTGTGTGAGCTCATGCCAGGCGGCACTGAGGCAGGGGAAGCGAGTCGTGATT
GACAACACCAACCCAGATGTCCCAAGTCGGGCCAGGTACATCCAATGTGCCAAAGATGCAGGTGTGCCCT
GCCGCTGTTTCAACTTCTGTGCTACAATAGAGCAGGCACGCCACAACAACAGTTTCTGTGAGATGACCGA
CCCTTCGCATGCACCTGTGTCGGACATGGTCATGTTTAGCTACAGGAAGCAGTTTGTAGCCGCCACACTG
GCTGAAGGCTTCCGGAGATCCTTGAGATTCCATTCCGGTTACAGGAGCATCTGGACCCGGCACTGCAGC
GACTGTACCGCCAGTTTTCCGAGGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_021549

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).

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_021549.3](#), [NP_067524.2](#)

RefSeq Size: 2134 bp

RefSeq ORF: 1569 bp

Locus ID: 59047

Cytogenetics: 7 B3