

## Product datasheet for MR229124

### Pnkp (NM\_001290767) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pnkp (NM_001290767) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pnkp
Synonyms:	1810009G08Rik; PNK
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR229124 representing NM_001290767 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGGCATCGGGCAGGCAAGCTGCCAGCAGAGGTGTTCAAGGGCAAGGTGGAAGCTGTATTGGAGAAGT  
TAGGGGTCCCATTTCAGGTGCTGGTGGCAACACATGCAGGTCTAAACCGAAAGCCAGTGAGTGCCATGTG  
GGACCATCTGCAGGAGCAGGCCAACGAGGGCATCCCCATCTCGGTAGAGGACAGTGTCTTCGTGGGAGAT  
GCAGCAGGGCGCCTAGCCAACTGGGCACCGGGGAGGAAAAAAGGATTTCTCTTGTGCAGACCGCCTGT  
TCGCCCTTAACGTCGGCCTGCCCTTTGCCACTCCGGAAGAGTTTTTCTTAAGTGCCCGGCTGCCCGCTT  
TGAGCTTCCAGCTTTCGACCCGAGGACTATCTCCAGTGCTGGGCCCTCTACCTTCCAGAGTCCAGCTCT  
CTCCTGAGCCCCAACCCAGAGGTGGTGGTGCAGTAGGATTCCCTGGGGCCGGCAAGTCCACTTTCATCC  
AGGAGCACCTAGTGTGAGCTGGCTACGTCCATGTGAACAGGGACACGCTGGGCTCGTGGCAGCGCTGTGT  
GAGCTCATGCCAGGCGGCACTGAGGCAGGGGAAGCGAGTCGTGATTGACAACACCAACCCAGATGTCCCA  
AGTCGGGCCAGGTACATCCAATGTGCCAAAGATGCAGGTGTGCCCTGCCGCTGTTTCAACTTCTGTGCTA  
CAATAGAGCAGGCACGCCACAACAACAGTTCGTGAGATGACCGACCCCTCGCATGCACCTGTGTCCGA  
CATGGTCATGTTTAGCTACAGGAAGCAGTTTGAGCCGCCACACTGGCTGAAGGCTTCTGGAGATCCTT  
GAGATTCCATTCCGGTTACAGGAGCATCTGGACCCGGCACTGCAGCGACTGTACCGCCAGTTTTCCGAGG  
GC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR229124 representing NM\_001290767  
 Red=Cloning site Green=Tags(s)

MGIGRGKLPAEVFKGKVEAVLEKLGVPFQVLVATHAGLNRPVSGMWDHLQEANEGIPI SVEDSVFVGD  
 AAGRLANWAPGRKKKDFSCADRLFALNVLFPFATPEEFFLKWPAA RFELPAFDPRTISSAGPLYLPESS  
 LLSPNPEVVAVGFPGAGKSTFIQEHLVSAGYVHVNRDTLGSWQRCVSSCQAALRQGKRVVIDNTNPDVP  
 SRARYIQCAKDAGVPCRCFNFCATIEQARHNNRFREMTDP SHAPVSDMVMFSYRKQFEPPTLAEGFLEIL  
 EIPFRLQEHLDPALQRLYRQFSEG

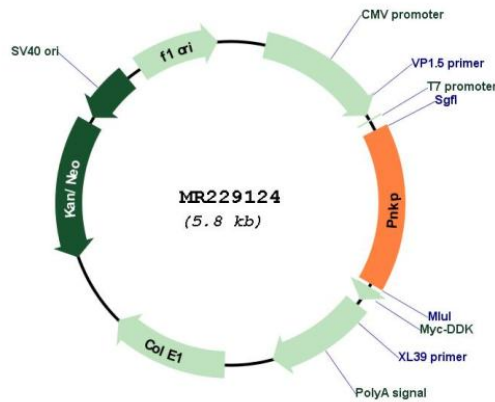
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001290767

**ORF Size:** 912 bp

<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_001290767.1</a> , <a href="#">NP_001277696.1</a>
<b>RefSeq Size:</b>	1797 bp
<b>RefSeq ORF:</b>	915 bp
<b>Locus ID:</b>	59047
<b>Cytogenetics:</b>	7 B3
<b>MW:</b>	34.1 kDa