

## Product datasheet for MC211721

### Pcnp (NM\_001024622) Mouse Untagged Clone

#### Product data:

Product Type: Expression Plasmids

Product Name: Pcnp (NM\_001024622) Mouse Untagged Clone

Tag: Tag Free

Symbol: Pcnp

Synonyms: 1110018D06Rik; AI647035

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Cell Selection: Neomycin

Fully Sequenced ORF: >MC211721 representing NM\_001024622  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGATCGCC

ATGGCGGACGGGAAGGCGGGAGAGGAGAAGCCAGAGAAGCCGAGCGAGCCGGAGCCGCCGGAGGACCTG  
AAGAAGAAGCAGAAAACTGTGAAAACTAAGACTGTTTCTTCCAGTAATGGAGGGGAAAGTTCCAGTCG  
CAGCGCTGAAAAGCGATCAGCTGAAGACGAAGCTGCAGACCTCCCAACAAAGCCTACAAAGATGTCCAAG  
TTTGGATTGGCCATAGGTAGTCAGACGGCACGGAAGCGTCCGCCATCTCCATTAGACTCGGAGCAAGTA  
AGCCTAAGGAAACAGTTCCAACCTCTTGCTCCAAAACTCTGTCGGTAGCAGCAGCTTTCAATGAAGATGA  
AGATAGTGAGCCAGAAGAAATGCCTCCAGAAGCAAAGATGAGGATGAAGAACATTGGAAGGGACACACCA  
ACATCAGCGGGACCAAACTCCTTTAATAAAGGGAAGCATGGCTTTTCCGATAACCAAGCTGTGGGAGC  
GAAATATAAAATCTCATCTTGAAACGTCCACGACCAAGACAATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM\_001024622

Insert Size: 537 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).



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<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>	<u>NM_001024622.2, NP_001019793.1</u>
<b>RefSeq Size:</b>	2300 bp
<b>RefSeq ORF:</b>	537 bp
<b>Locus ID:</b>	76302
<b>UniProt ID:</b>	<u>Q6P8I4</u>
<b>Cytogenetics:</b>	16 C1.1
<b>Gene Summary:</b>	May be involved in cell cycle regulation.[UniProtKB/Swiss-Prot Function]