

## Product datasheet for **MC217733**

### Pnp (BC052679) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pnp (BC052679) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Pnp  
**Synonyms:** AL024301; AU015798; Np; Np-1; Np-2; Pnp1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >BC052679  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAGAACGAGTTCACATACGAAGATTATGAGACCACTGCCAAGTGGCTTCTGCAACACACTGAATATC  
GACCTCAAGTGGCAGTGATCTGTGGTCCGGCTTAGGAGGGCTGACTGCTCACTTAAAGGAGGCTCAGAT  
CTTTGACTACAATGAGATACCCAACCTTCCCAAAGCACAGTGAAGGTCACGCAGGCCGACTGGTGT  
GGATTGCTGAATGGCAGATGCTGTGTGATGCAAGGCCGTTCCATATGTATGAAGGATACTCACTGT  
CAAAGGTGACATCCAGTGAGAGTTTTCCATCTTCTGGGTGTGAAAACCTTTGGTGGTCACCAATGCTGC  
TGGAGGACTCAACCCTAATTTTGAAGTTGGAGATATTATGCTGATCCGTGATCACATCAACCTACCTGGT  
TTCTGTGGCCAGAACCCTCTCCGGGGCCCAACGATGAAAGGTTTGGAGTTCGTTTTCTGCCATGTCTG  
ATGCTTATGACCGGGATATGAGGCAGAAGGCTTCACTGCCTGGAACAAATGGGGGAGCAACGAAAGCT  
ACAAGAAGGCACCTACGTGATGTTGGCAGGCCCAACTTTGAGACTGTGGCAGAGAGTCGTCTGCTAAAG  
ATGCTGGGAGCAGATGCTGTTGGCATGAGCACAGTCCCAGAAGTTATCGTCGAAGGCACGTGGGCTTC  
GAGTCTTTGGTTTCTCACTCATTACGAACAAGTTGTCATGGATTATGAGAAGTTGGAGAAGGCCAATCA  
CATGGAAGTTCTGGATGCCGGGAAAGCAGCTGCACAGACATTGGAAGGTTTGTCTCCATTCTTATGGAG  
AGCATTCCACTCCCGGATCGTGGCAGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** BC052679  
**Insert Size:** 870 bp



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<b>OTI Disclaimer:</b>	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).
<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><a href="#">BC052679</a></u> , <u><a href="#">AAH52679</a></u>
<b>RefSeq Size:</b>	1305 bp
<b>RefSeq ORF:</b>	869 bp
<b>Locus ID:</b>	18950
<b>Cytogenetics:</b>	14 26.31 cM
<b>Gene Summary:</b>	The purine nucleoside phosphorylases catalyze the phosphorolytic breakdown of the N-glycosidic bond in the beta-(deoxy)ribonucleoside molecules, with the formation of the corresponding free purine bases and pentose-1-phosphate.[UniProtKB/Swiss-Prot Function]