

Product datasheet for **MC208037**

Pnp (NM_013632) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pnp (NM_013632) 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: >MC208037 representing NM_013632
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGAACGAGTTCACATACGAAGATTATGAGACCACTGCCAAGTGGCTTCTGCAACACACTGAATATC
GACCTCAAGTGGCAGTGATCTGTGGTCCGGCTTAGGAGGGCTGACTGCTCACTTAAAGGAGGCTCAGAT
CTTTGACTACAATGAGATACCCAACCTTCCCAAAGCACAGTGAAGGTCACGCAGGCCGACTGGTGT
GGATTGCTGAATGGCAGATGCTGTGTGATGCAAGGCCGGTCCATATGTATGAAGGATACTCACTGT
CAAAGGTGACATCCAGTGAGAGTTTTCCATCTTCTGGGTGTGGAACTTTGGTGGTCACCAATGCTGC
TGGAGGACTCAACCCCAATTTTGAAGTTGGAGATATTATGCTGATCCGTGATCACATCAACCTACCTGGT
TTCTGTGGCCAGAACCCTCTCCGGGGCCCAACGATGAAAGGTTTGGAGTTCGTTTTCTGCCATGTCTG
ATGCTTATGACCGGGATATGAGGCAGAAGGCTTTCAGTGCCTGGAACAAATGGGGGAGCAACGAAAGCT
ACAAGAAGGCACCTACGTGATGTTGGCAGGCCCAACTTTGAGACTGTGGCAGAGAGTCGTCTGCTAAAG
ATGCTGGGGCAGATGCTGTTGGCATGAGCACAGTCCCAGAAGTTATCGTCGAAGGCACGTGGGCTCC
GTGTCTTTGGTTTCTCACTCATTACGAACAAGTTGTCATGGATTATGAGAAGTTGGAGAAGGCCAATCA
CATGGAAGTTCTGGATGCCGGGAAAGCAGCTGCACAGACATTGGAAGGTTTGTCTCCATTCTTATGGAG
AGCATTCCACTCCCGGATCGTGGCAGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_013632
Insert Size: 870 bp



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| 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: | <ol style="list-style-type: none">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_013632.4 , NP_038660.1 |
| RefSeq Size: | 2941 bp |
| RefSeq ORF: | 870 bp |
| Locus ID: | 18950 |
| UniProt ID: | P23492 |
| Cytogenetics: | 14 26.31 cM |
| Gene Summary: | 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] |