

Product datasheet for RN204717

Pnp (NM_001106031) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Pnp (NM_001106031) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Pnp
 Synonyms: Np
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN204717 representing NM_001106031
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAGAACGAGTTCACATACGAAGATTATCAGCGCACCCGCCGAGTGGCTTCGGTCTCACACGAAACATC
 GACCTCAAGTGGCAGTGATCTGTGGTCCGGCTTAGGAGGGCTGACCGCTAAATTAAGTCAAGCTCAGCCTCAGGC
 CTTTGACTACAATGAGATACCAACTTTCCCAAAGCACAGTGAAGGCCATGCGGGTCGCTGGTGT
 GGATTCCTGAATGGCAGATCCTGTGTGATGATGCAGGGCCGGTCCACATGTATGAAGGGTACTCGCTGT
 CAAAGGTGACGTTCCAGTGAGAGTTTTCCATCTTCTGGGTGTGGACACTTTGGTGGTCACCAATGCTGC
 TGGAGGACTCAACCCAAATTTGAAGTTGGAGATATCATGCTGATCCGTGACCACATCAACCTGCCTGGG
 TTCTGTGGCCAGAACCCTCTCCGAGGCCCAACGATGAAAGGTTGGAGTTCGTTTTCTGCCATGTCTG
 ATGCTTATGACCGGGATATGAGGCAGAAGGCTTCAATGCCTGGAACAAATGGGGGAGCAACGAGA
 ACAAGAAGGCACCTACATAATGTCAGCAGTCCCACCTTTGAGACTGTGGCGGAGAGCTCTGTCTACTTT
 GGTCACCTTGCTGGGTCGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001106031
 Insert Size: 651 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:	<u>NM_001106031.1</u> , <u>NP_001099501.1</u>
RefSeq Size:	1052 bp
RefSeq ORF:	651 bp
Locus ID:	290029
Cytogenetics:	15p14
Gene Summary:	mouse purine-nucleoside phosphorylase (Pnp) exhibits purine-nucleoside phosphorylase and glycosyl transferase activities [RGD, Feb 2006]