

Product datasheet for **MC201096**

Pnpo (BC010785) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pnpo (BC010785) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pnpo
Synonyms:	AI415282
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC010785
 CCGACGCGTGGGCAGGCTAGACACACAGGCTGAGCAATTGGTTCCGAACCCAGGGCCAGGCGACGCTGGG
 TCACGTGGCCGACTGCTTACATGACGTGCGGGCTGCTGAGCGTCACTGTGACGTTTACAGGAGACCTGCGAA
 GTGGACGGGCTACCTCCGTCACCTGTGCTGTGCGGGTGCAGTCATGGACCTGGGACCAATGCGCAAGAGT
 TACCGCGGGATCGAGAGGCATTTCGAGGAGACTCATCTGACCTCTCTGGATCCCATGAAGCAGTTTGCTT
 CCTGGTTTGACGAGGCTGTTTCAGTGTCCGGACATAGGAGAAGCCAATGCTATGTGTGGTCCCTACCTGCAC
 CAGAGACGGAAAACCCCTCTGCCCGGATGCTGCTGCTGAAGGGCTTTGGCAAAGACGGCTTCCGCTTCTTC
 ACTAACTACGAGAGCCGGAAGGGAAAAGAGCTGGATTCTAATCCCTTTGCCTCTCTTGTCTTACTGCGG
 AGCCCCGAACCGTCAGGTGCGTGTGGAAGCCCTGTGAAGAACTCCCAGAGAAGGAGGCCGAGAATA
 CTTCCATTTCCCGCCCAAGAGCAGCCAGATTGGGGCTGTGGTCAGTCGCCAGAGTTCTGTGATCCCTGAC
 CGGGAGTACCTGAGAAAGAAAAATGAGGAACTGGGGCAGCTCTACCAGGACCAAGAGGTACCCAAGCCAG
 AATACTGGGGTGGCTACATCCTGTACCCCAAGTATGGAGTTTTGGCAAGGCCAAACCAACCGCTCCA
 TGACCGTATTGTCTTCCGCCGAGGCTGGCAACAGGAGACTCCCTTTGGGACCCATGACCCACCACGGG
 GAGGAAGACTGGGTGTATGAGAGACTTGCACCTAACACTGGACCAAGAATGTTGGGGAATCACCAGGG
 GGCAGAGAGTGGGAAAAGCAGTTATGGGAATAAGGGAATGGAAGCCCGTCTACCTTCTGTGTGTGG
 CGCTGGGTTTAAACCTTGTCTCAGGCTCGCAACTCTGTACCACTGAGTGAGAGTCCCAGCATTTCTCTCT
 CTTTACCTTTTATTTAAGACTAAGTTGCTGGCCCTGAGCTGTTTGGAGAAGTGCTGATTGGCTCCAG
 GAGCTGCCGTGGGGGGCCCTGTCTCTGCTTCCCTAGGTTAGCCCTGAACACTACTGTGTTTATATCCAG
 GCAAGCGTTGGCCTTGAGTTCCTCTTGCCTCAGTCCCTGGAGTAGTTGATTCTTGGCTTGTGCCACCAGG
 CCCAGCTCCAGTCTTGTTTTTAAGCTAAGCCATTTCTTTCTTAGCCCTTCTACCTACGCTCTCCGGG
 ACTCACCTCCAAGTCTCTGAACCTCCGAATCAGTTAGTGGCTGGAACAAAGTGCCGTAGGGTTGTAGAG
 AATCACAATAGCAAAGGATCTCCTAAGTGTCCCTTACTTTGCTCTGGGTTTGGGGGAAGCCTGGCT
 TGGGAGCTGTTTCCAGTAATAAATTAATCAGGCTGCAGATAGACAAAAGGCTTCCAGCCATGAAAGGA
 GCCAGCCAGGCCATGTTTGTCTGTGACTCAGACAAATCATTATATGTTCTGGTTGGCCTTGAACCTATCA
 CCTGGACACACTTGCCTTGTGTTTACTTTGTGGCTGTGTGCTTACGCTCTGTACTAACAAGGCTCC
 TCCCGAGGCAACCTTGTCTGTGTTGATCCCCACTTCAGCCTGGGTCCAGGAAGGACATTGACCCTGTG
 GCCATCGGCCAGGTACCTTACCTACCTACCCCTTTTGTGATGTGCCATGGACTGTGACTTTATTAGT
 ATAAGCCGATGAGTTGTTGAGAAGTGTATACCCCATGGCTGTTAGGGGTTGTGTGTGCTCCCTCCCC
 GGGCTTTAGTGTGATCCCACTGTCAGTGCCAGTGACAAGGGTGAATAAAAACCTGTCAGCCGTGTGT
 GATAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC010785

Insert Size: 786 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).

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:

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: [BC010785](#), [AAH10785](#)
RefSeq Size: 1978 bp
RefSeq ORF: 786 bp
Locus ID: 103711
Cytogenetics: 11 D
Gene Summary: Catalyzes the oxidation of either pyridoxine 5'-phosphate (PNP) or pyridoxamine 5'-phosphate (PMP) into pyridoxal 5'-phosphate (PLP).[UniProtKB/Swiss-Prot Function]