

Product datasheet for **MC202119**

Pnpo (NM_134021) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pnpo (NM_134021) 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: >BC026564 sequence for NM_134021
 CTTACTAGCTTGTCTGGGGCTCTAGTAAATTCCTTCCCAGGCTAGACACACAGGCTGAGCAATTGGT
 TCCGAACCCAGGGCCAGGCGACGCTGGGTACGTGGCCGACTGCTTACATGACGTGCGGGCTGCTGAGCG
 TCACTGTGACGTTTCAAGGACCTGCGAAGTGGACGGGCTACCTCCGTACCTGTGCTGTCGGGGTGACGT
 CATGGACCTGGGACCAATGCGCAAGAGTTACCGCGGGATCGAGAGGCATTGAGGAGACTCATCTGACC
 TCTCTGGATCCCATGAAGCAGTTTGCTTCTGGTTTGACGAGGCTGTTTCAAGTGTCCGGACATAGGAGAAG
 CCAATGCTATGTGTGGCTACCTGCACCAGAGCGGAAAACCTCTGCCCGGATGCTGCTGCTGAAGGG
 CTTTGGCAAAGACGGCTTCCGCTTCTTCACTAACTACGAGAGCCGGAAGGAAAAGAGCTGGATTCTAAT
 CCCTTTGCCTCTTGTCTTCTACTGGGAGCCCTGAACCGTCAGGTGCGTGTGGAAGGCCCTGTGAAGA
 AACTCCCAGAGAAGGAGGCCGAGAACTACTTCCATTCCC GCCCAAGAGCAGCCAGATTGGGGCTGTGGT
 CAGTCGCCAGAGTTCTGTGATCCCTGACCGGGAGTACCTGAGAAAAGAAAATGAGGAACTGGGGCAGCTC
 TACCAGGACCAAGAGGTACCCAAGCCAGAATACTGGGGTGGCTACATCCTGTACCCCAAGTGATGGAGT
 TTTGGCAAAGGCCAAACCAACCGCTCCATGACCGTATTGTCTTCCGCGAGGCCTGGCAACAGGAGACTC
 CCCTTTGGGACCCATGACCCACCAGGGGAGGAAGACTGGGTGTATGAGAGACTTGACACCTTAACACTGG
 ACCCAAGAATGTTGGGAATCACCAGGGGGCAGAGAGTGGGAAAAGCAGTTATGGGAATAAGGGAATGG
 AAGCCCGTCTACCTTCTGTGTGTGGCGCTGGGTTAAACCTTGCTCAGGCTCGGCAACTCTGTACCA
 CTGAGTGAGAGTCCCAGCATTTCTCTCTTTACCTTTTATTTAAGACTAAGTTGCTGGCCCTGAGCT
 GTTTGGAGAAGTGCTGATTGGCTCCAGGAGTGCCTGGGGGGCCCTGTCTCTGCTTCCCTAGGTTAG
 CCCTGAACTACTGTGTTATATCCCAGGCAAGCGTTGGCCTTGAGTTCCCTTGCCTCAGTCCCTGGAG
 TAGTTGATTCTTGGCTTGTGCCACCAGGCCAGCTCCAGTTCTTGTTTTTAAGCTAAGCCATTTCCCTTC
 TTAGCCCTTCTACCTACGTCTCTCCGGGACTCACCTCCAAGTTCTCTGAACTCCGAATCAGTTAGTGGC
 TGGAAACAAGTGCCGTAGGTTGTAGAGAATCACAAATAGCAAAGGATCTCCTAAGTGTTCCCTTGACTT
 TGCTCCTGGGTTTGGGGGAGCCCTGGCTTGGGAGCTGTTCCAGTAATAAATTAATCAGGCTCAGATAG
 ACAAAGGCTTCCAGCCATGGAAGGAGCCAGCCAGGCCATGTTTGGTGTGACTCAGACAAATCATT
 ATGTTCTGGTTGGCCTTGAACCTATCACCTGGACACACTTGCCTTGTGTTTACTTTGTGGCTGTGTGC
 TTCAGCCTCTGTCACTAACAAAGGCTCCTCCCAGGCAACCTTGTCTGTGTTGATCCCCACTTCAGCC
 TGGGTCCAGGAAGGACATTGACCCTGTGGCCATCGGCCAGGTACCTTTACCTACCTACCCCTTTTGTG
 ATGTGCCATGGACTGTGACTTTATTAGTATAAGCCGATGAGTTGTTGAGAAGTGTATACCCCATGGCTG
 TTAGGGGTTGTGTGTGCTCCCTCCCCGGGCTTGTAGTGTATCCCAACTGTCAGTGCCAGTGCACAAGG
 GTGTAATAAAAACTTGTGAGCCGTGTGTAATAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_134021

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: [BC026564](#), [AAH26564](#)
RefSeq Size: 2005 bp
RefSeq ORF: 786 bp
Locus ID: 103711
UniProt ID: [Q91XF0](#)
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]