

Product datasheet for **MC220216**

Pnmal2 (NM_001099636) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pnmal2 (NM_001099636) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pnmal2
Synonyms:	EG434128
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220216 representing NM_001099636
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACGATGAACCTTCTGCAAGATTGGTGAAGGAGCTGGAAGTGGAGGTGCACAGGGCCCTCTGATCA
 CGGGCATCCCTGAGCGCCTGCAGCAGGGCGACATCGAAGCTACCCTGAGTCCGAACCTGCAGCCCTGGG
 CAACTACAGGCTTCGACTGTGAGAGCTGTAACCAAAGAGAAGTCTCAGGCAGCCCTGTAGAATTTGGG
 GCAGACTTCGATCACTCTGCCATACCTATCCACATTAGGGGAGAGAATGGGATTTGAAAAATCTGAGTA
 AGGACCGCGGGCAAGATGCGCGGGTCTTAGGCAGATGAGGCGCCTGTTGCTGGATGAAAGGCCCATGGA
 TGACTTCAGAAAATAGCCATCCCTCTGGTATTGGAGGCCAAGCCAGGCCAAGGGATTAGGGAAGGAG
 GCCAAGAAGGCTGGCTCCTCTGAAGGGGCAGCTAGGAGCGGCCGTCGGGGCCGTCGGGGAGGCAAGCGCC
 GATCCAGAAGCCACAAGTTGACGGCTCAGAAGGGCCAGAAGAGGAGCCGGGGAGGGCGGCAGCCAGGAG
 TGAGTCGGAAGACTCTTCTGATGACAGCCTGGGTATCGTCATAGAGGAGATCTACGCAGAGGACCTGAGC
 GTAGATGAAGACCAGAGGGCCCTGTATGCCACGCTCCAAGCAGCTGCCAAGAGCTCACCAAGAAGTGGG
 CCTTCGCGGTGACCAGGAAGAAGGAGATGGCCCCGAGAATTCTTGGCACTTGTCACTGTACCCGACAA
 AGCTAAGAAGGAAGAGATAGAGAAAACCTTCTGGGACAGAGTCTATCTGCTTAAACATCAAAGACGAA
 AAGAGCGGGTTCCTGATTTAGTCGCGCTACTGGCTGTGAGAGATACCCCGCAGTGGAGGTAGAGACAG
 AGGTGGATGATGATGATGAAGATGACGAAGATGAAGATGATGAAGATGATGACGAAGATGAAGATGACGA
 TGAAGATGATCCGACAGCGAGTCTCTGAAAAATGGAGAGCACGGAAAGGAAGTATGGATAGCCCCGAG
 TTTGTGGCTATTGTGGCTTATACAGACCCCGCTGACCCCTGCCAGAGAGGAAATGCTAAAAATAGCTT
 CTGTGATTGAGACCTCGGCTGGGGCGACAAAAAAGACAAAAAAGATGTCTTCTCAAGTCTGTCCGT
 CATGGCTAAGGACACCTCTGGGCCAGGGTGAAGGTAGAGGAGGCAGGTGCTCAGGTGGACGCCATGGTC
 CTGAGGAAGGCAGAGGAAGATGGGAATCTTCTGGAATGATTTTCTACCTTGGCTGAGGCAGAGAACTGCC
 CTAAGGAAAGAAGTCTGGGCTAGGTCTCCTCAGAGGCTGGACCGCTGAGGGCCACCAGGGTGGCCTATT
 GGAGCTGGTGGCACTCTTGGCTGCGCAAGATATGGTGAAGCTGTGAGAGAAGAAGAAGCCAGCAGGTGG
 GGCAGTGGTGAAGTGGTGGCCGGAAGTGTGACCATAGCCAAGGTGGTTTATCTGAGGTCTGGCTTTCC
 TGGCCTCCAGGAGAATCTAGAATCCAACGAGGAATCGGACGAGGATTACAGACACAGAGTACAGGGGAGA
 TTCGAGGACACTGACAGCGAAGAGTCCGAACCTGGTACAGCGTGTCCAAGAAGCCGCGCCCAAGAGA
 GCGCGCACAGGCTCCAAGGCCTCCACCGGCCGCGCCACCGCGGTCTCCACCGCATCCCGGGCAGCGA
 AAGCCCGCAGGGTGGCCGCGGTGTCGCGCGGGTGTACCCAGAGAAGAAAACGGGGAGCGGGTTC
 AACCGAGGACCATGCGGGGAACAACAAGAAGAAGAGGGATCCGCAGGAGCCGGGGCCCGTGCAGG
 GCTGGCGAGGCCAAGGGACAGCCAGCTGCTGTTCCCAAGTCTACCCGCGGAAAGAAGACAGCAGGGGCC
 CAAGGCGGGCGCCCAATGCCGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001099636

Insert Size: 1986 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: [NM_001099636.2](#), [NP_001093106.1](#)

RefSeq Size: 4147 bp

RefSeq ORF: 1986 bp

Locus ID: 434128

Cytogenetics: 7 A2