

Product datasheet for **MC216378**

Pnma3 (NM_153169) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pnma3 (NM_153169) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pnma3
Synonyms:	MGC40840
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216378 representing NM_153169
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCATTGAACCTGTTGCAAGACTGGTGTAGGGGGAGCATCTGAACACCCAGAGGTCTATGCTGATCC
 TGGGATTCCAGAGGACTGTAGTGAGGATGAGTTTGAGGAGACTCTGCACGAAGCTCTCAAGCATCTGGG
 AAGATACAGGATCATCGGCAGGATGTTTAGGAGGAGGAAAATGCCAGGCCCTTTTGGTGAACCTTGCA
 CGTGATTTTGACTATGCTTTGGTGCCAGGAAAATAGAAGGAAAGGGTGGGCCCTGGGAAGTGGTTGTAA
 AACCCCTCATTAGATGATGAATTTCTTAATAGACTGAATCACTTCTTAGAAGAGGAGAGGAGAACAGT
 GTCAGACATGAACAGGTCCTTGGGACACACTCTAATCATTACCTACCAAAACGACTATATCAGCAGAT
 TTCTGGGCTGGGCTCAGACTCTAGGTGCAGTGATGCAGCCTCTGCTAGAACAAATGTTGTACCGAGAAC
 TAAGAGTCTTTCTGGGAACACCATATCAATCCAGGGTTATTGGCCTTCGATTCTGGCTTGAACACAC
 CACTGAGATGTTACAGATGTGGCAGGTACCTGAGGTAGAAAAGAGCGGAGGCTGATGGAATGCTTAAGA
 GGCCTGCTCTACAGTTGTCAATGTGCTCCGTGCCAATAACGCTGCCATTACAGTGAAGGAGTGCCTGG
 AGGCCCTGCGGCAGGTATTTGGCTCTGTGGACAACCGAAAAATCGCCAGCTGAAGTTTTCGAAGGCTTA
 TCAGGAGCCAGGAGAGAAAGTTTCTAGCTTTGTGGTGCCTTTGGAGACCTGCTCCAAAAAGCCCTAGAG
 AAAATGCAATATCTCGAAAGAAATGTGAACAGACCCGCTGAAACGAATTTTAGGTGGGCTATCCTTT
 CTGCAAACTTCGAGAGAACTTAAGATGCTGAAACAGCGTAGAAGGCCACCTGGTTTCTGGCCCTAGT
 GAAGCTTTCCGTGAGGAGGAGGAAGAGTGGGAGGCCACTAGGGTTTCAGAGAGGAGCTGCTATGAGGGG
 CTGGAGTTAGGCCAAGTCCCTTAACATAGGCAGTGAGGAGAGAGAACTATTTGTTCCGGCCTTTGGTA
 GTGTTCTTGAGGAAAGGCCTTACCAGGGTTCGCCGCCGCCGCCACAGGAGGAGGCCAGCACAGAAA
 GGGAGGTGTGCCAGGGATGATTCTCAAGGCACAAGAAAGCAGAATTATGACACATTCTGCTATAGTTGT
 GGGGAAGATGGCCATATCAGAGTACACTGTTTTAACCTTCCAACCGACCTTGGTGAAACAGAAGAGAC
 AGGCTGCAATGGAGAAGGAAACAGGAGCTGGGCTTGGGAGAAGGCCATCCCAAGCCCAAGACCAAGTA
 G

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_153169
- Insert Size:** 1401 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_153169.2</u> , <u>NP_694809.1</u>
RefSeq Size:	3442 bp
RefSeq ORF:	1401 bp
Locus ID:	245468
UniProt ID:	<u>Q8JZW8</u>
Cytogenetics:	X A7.3