

Product datasheet for **RN203389**

Pnma8b (NM_001107481) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pnma8b (NM_001107481) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pnma8b
Synonyms:	Pnma12; RGD1560435
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203389 representing NM_001107481
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACTATGAACCTTCTGCAAGATTGGTGTAAAGAGCTGGAAGTGGAGGTGCACAGGGCCCTCTGATCA
 CGGGCATCCCCGAGCGCTGCAGCAGGCGGACATCGAAGCTACCCTGAGGCCGAACCTGCAGCCCCTGGG
 CAACTACAGGCTTCGAACTGTGAGAGCCGTGACCAAGGAGAAGGCTCAGGCCGCCCTTGTGAATTTGGG
 GCCGACTTCGATCACTCTGCCATACCTATCCACATTAGGGGAGAGAATGGGATCTGGAAATCCTGAGTA
 AGGACCGCGGGCAAGATGCGCGGGTCTTAGGCAGATGAGGCGCCTGTTGCTGGATGAAAGGCCCATGGA
 TGACTTCAGAGAAATGCCATCCCTCTGGTATTGGAGGCCAGGCCAGGCCAAGGGATTAGGGAAGGAG
 GCCAAGAAAGCTGGCTCCTCTGAAGGGGCAGCTAGGAGCGGCCGTGGGGCCGTGGGGGAGGTAAAGCGGC
 GATCCAGAAGCCACAAGTTGACGGCTCAGAAGGGCCAGAAGAGGAGCCGGGGAGGACGCCGAGCCAGGAG
 TGAGTCGAAGACTCTTCTGATGACAGCCTGGGTATCGTCATAGAGGAGATCTACGCAGAGGACCTGAGC
 GTAGATGAAGACCAGAGAGCCCTGTATGCCACACTCCAAGCAGCCGCCAAGAGCTACCAAGAAGTGGG
 CCTTCGGGGTGACCAGGACGAAGGAGATGGCCCCGAGAGTTTTTGGCACTTGTACGGTCACCGACAA
 AGCTAAAAGGAAGAGATAGAGAAAGACCTTCTGGGACAGAATCTATTTGCTTAAACATCAAAGACGAA
 AAGAGCGGGTCCCTGATTTAGTCGCGCTACTGGCTGTGAGAGATACCCCGCAGTGAGGTAGAAACAG
 AAGTGGAGGATGATGATGAAGAAGATGACGATGATGACGATGATGAAGACGAAGATGAAGACGAAGATGA
 TGACGAAGATGACGATGACGATGGTTCGACAGCGAGTCTCTGAAAAATGGAGAGCAAGGGAAGGAAGTA
 ATGGACAGCCCCGAGTTTGTGGCTATCGTGGCTTATACAGACCCCGCCGACCCGTCTGCCAGAGAAGAAA
 TGCTGAAAAATCGCTTCTGTGATTGAGACCCTCGTTGGGGCGATAAAAAAGACAAAAAGATGTCCTTCC
 TCAAGTCCTGTCCGTGATGGCCAAGGACACCTCTGGGCCAGGGTGAAGGTAGAAGAGGCAGGTGCCCAG
 GTGGACGCCATGGTTCTGAGGAAGGCAGAGGAAGATGGGAATCTTCTGGAATGTATTTCCACCTTGCTG
 AAGCAGAGAACTGCCCTAAAGGAAAGAAATCTGGGCTAGGTCTCCTCAGAGGCTGGACCGCTGAGGGCCA
 CCAGGGTGGCCTCTTGGAGCTGGTGGCACTCCTGGCTGCTCAAGATATGGTGGAAGCTGTGAGAGAGGAA
 GAAGCCAGCAGGTGGGGCGGTGGTGAAGTGGTGGCCGGAAGTGTATCAGCCAAAGTGGTTTATCCG
 AGGTCTGGCTTTCTGGCCTCCAGGAGAATCTCGAATCCAACGAGGAATCGGAGGAAGATTGAGACAC
 AGAGTCAGAGGGAGATTCGAGGACACTGACAGCGAAGAGTCAGAACCTGGTGACAGCGTGTCCAAGAAG
 CCGCGCGCCAAGAGAGCGCGCACCGGCTCCAAGGCTTGGCACCGGCCGCGCCACCGCGGTCTCCACCG
 GGTCCCGGGCACGAAAACCCGAGGGGTGGCCGCGGTCTGGCCGCGGTGTACCCAGAGAAGAAAGC
 GGGGAGCGGGGCTTCAACCGAGGACCATGCGGGGAACAACAAAAAGAAAGAAAGAGGATCCGCAAGC
 GCCGGGGCCCGTGTGAGGGCTGGTGAAGGCAAGGGACAGCCAGCTGCTGTTCCCAAGTCTACCCGCGGAA
 AGAAAGCACGAGGGGCCAAGGCGGGCGCCCAATGCCGT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107481

Insert Size: 2004 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_001107481.1, NP_001100951.1

RefSeq Size: 2575 bp

RefSeq ORF: 2004 bp

Locus ID: 308393

Cytogenetics: 1q21