

Product datasheet for **RN210727**

Pnma8a (NM_001108473) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pnma8a (NM_001108473) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pnma8a
Synonyms:	Pnmal1; RGD1310803
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN210727 representing NM_001108473
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGTCGGAGCCCATGGCCATGAACCTGCTGGAGGATTGGTGCCGGGGCATGGAATGGACATCCACAGGT
 CCCTGCTGGTCACTGGTATCCCTGAGCACTGTGGCCATGCAGAAATCGAGGAGACCTTGAATGGGGTCCT
 CTGGCCACTGGGCACATACCGTATACTCAACAAATGTTTTGAGGCAAGAGAATGTGAAGGCTGCTCTA
 GTTGAGGTTAGCGAGGGTGTGAATCTAAGCTCCGTACCCCGGAGTTCACAGGGAGGGCGGTGTCTGGA
 GAGTGGTCTACAGGGACCCACCCAGGATGATGAGTGTAAAAAATCTGAACGAATTCCTGGATGCTGA
 AGGACGCACTTGGGAGGATGTGGTGCCTCTTGCCTTAACCCCAACCCACCACTCCCGAATTCAAAC
 CAGCCTCCACAACTGGGCAGAAGCCTTGGGGTTGCTCTGGGCGTGGTAGTACAGGTCATCTTCTACA
 TGGATGCTGCGATCCGTAAATCGGGAGGAAGAAGCGAGGGCTGAGGAGGCTGCTGAGGCTGAGTTGATGGA
 GGCTTGGGCTTCACTGCGAGGAGGAGTAAAGAAGGAACCCGGGCTGGGCGTAGAAGTGGGCTCGACT
 TTCAAGATGGAGGACCGAAACCATTGGAAGAACAAGAGGACCATGGTGAGCCTCCGAAGCCTCTAGTTC
 GCAGGGCTGGAGGTAAGATTGCTCCAGGAGAAGGAAACAGAAAAAAATCCTAAGCAAGAACCAATATG
 CTGGAGAAAACCCCAAGGCAGCAATTATAACAAGTCTAATTTGGAAGCTGGTGAAGCTACGGCTACCCAA
 AGCTCAGAGGTCTCAGAGTCTGCGAAGAACAACAAAACCCCTTTGTGAAGCAGGAGGAGACAGTTTGA
 AGAAGAAAAGAGTCTGGAGGGATCCCAACGATTTTCTCGGAGTGCCTGCCACAGCTGACAGCCCCGG
 GAATCTAGAGGATCAGATCAAGATGGTGGACCTGAGAACCCCCAAAGAAGAAAGCCATGACCTGGGCC
 TCAAACAGGATCCCTGCCCCATGAGGAAGAAGAAGATGAGCTTGGGTGCTCTCTCTATGCTCTGG
 TTGATTCTGAAGCCACCAAGAACAAGACGGTGATTCCAAAGAAAGGGCCTGGATCTACAAGTCTGGTGTG
 AGTTCTCAGGGGACCAACCTGATGATGCATGGCTTCAACATCCAGGGCTCAGAAGACCAAGCCAGGA
 GGCTCCCTCGTGTCTCAAAGATTTCAGGAAGCT**ATGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108473

Insert Size: 1299 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_001108473.1, NP_001101943.1

RefSeq Size:	1826 bp
RefSeq ORF:	1299 bp
Locus ID:	361515
Cytogenetics:	1q21