

## Product datasheet for RN210790

### Pnma1 (NM\_130820) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pnma1 (NM_130820) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pnma1
Synonyms:	MA1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN210790 representing NM_130820 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGGCTATGACACTATTGGAAGACTGGTGCAGGGGAATGGATGTGAACCTCTCAGAGAGCTCTGTTGGTCT  
GGGGGATCCCTGTGAACGTGTGATGAGACCGAAATCGAAGAGACCTCCAAGCTGCGATGCCCCAGGTATC  
CTATCGAGTACTGGGAGAATGTTCTGGAGGGAAGAAAATGCGAAAGCAGCCTTGTAGAGCTCACTGGG  
ACGGTGGATTACTCCCTGATCCCAGGGAGATGCCAGGCAAAGGAGGGCTCTGAAAAGTAGTGTAAAGC  
CCCCACTTCCGACGCGGAGTTTTTGGAAAGGCTGCACCTCTTTCTAGCTAGGGAAGGGTGGACGGTGCA  
AGATGTTGCTCGTGTGCTTGGGTTTCAGAACCCTGCTCCAGCCCCAGGCCGGAATGCCAGCAGAGATG  
CTCAACTATATTTGGATAATGTTATTTCAACCTCTTGTGAGTCCATATGGTATAAGAAGCTGACTTTGT  
TCTCCGGGAGGGACATCCCGGGCTGGCGAGGAGACCTTTGATTCTGGCTGGAGCACTCGAATGAAGT  
CATAGAGGAATGGCAGGTGTCTGATATAGAAAAGAGACGGCGTTGATGGAGAGTTTGGCAGGCCGGCT  
GCCGATGTCATTCGCATCCTCAAGACCAACAACCCTGCTATAACCACGGCAGAATGCCTGAAGGCTCTTG  
AGCAGGTGTTGGGAGCGTGGAGAGCTCTAGAGATGCACAGGTGAGATTTCTGAACACTTACAAAACCC  
ATTGATAAAGATAACGTGAACCAGGCTCGCTGGAACAGGTCATCGCTGGGGCCAACCACAGCGGGGCC  
TCCGAAGGCAGTTGTGGCTGACTGGGGCTACAGAAGGGCCTGCACCAACCTCTTCCAGTTACTGGTGCA  
GATTCGAGAGGAGGAAGCCAAAGAGGAGGAGGAGGCCGAGGCTGCCCTTTGCGACTAGGCCTAGAG  
GGC**CACTTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_130820
Insert Size:	1062 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:	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
RefSeq:	<a href="#">NM_130820.2</a> , <a href="#">NP_570833.1</a>
RefSeq Size:	1786 bp
RefSeq ORF:	1062 bp
Locus ID:	170636
UniProt ID:	<a href="#">Q8VHZ4</a>
Cytogenetics:	6q24
Gene Summary:	human homolog is a 37 kDa protein that is specifically recognized by antibodies in patients with paraneoplastic neurological disorders [RGD, Feb 2006]