

Product datasheet for SC111106

PNMA1 (NM_006029) Human Untagged Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | PNMA1 (NM_006029) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | PNMA1 |
| Synonyms: | MA1 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >OriGene ORF within SC111106 sequence for NM_006029 edited (data generated by NextGen Sequencing) |

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ATGGCGATGACACTGTTGGAAGACTGGTGCCGGGGATGGATGTGAAGTCCCAGAGAGCT
CTGTTAGTCTGGGCATCCCAGTGAAGTGTGATGAGGCTGAAATCGAAGAGACCCCTCAG
GCTGCGATGCCCCAGGTCTCCTACCGAATGCTTGGGAGAATGTTCTGGAGGAAGAAAAT
GCGAAAGCAGCCTTATTAGAGCTCACTGGCGCTGTAGATTACGCCGCGATCCCCAGGGAG
ATGCCGGGCAAAGGAGGGGTCTGGAAAGTGTATTTAAGCCCCAACTTCTGATGCTGAA
TTTTTAGAAAGATTGCACCTCTCCTAGCTAGAGAGGGGTGGACCGTGCAAGATGTTGCC
CGTGTCTTGGGTTTCAGAACCTACTCCGACCCGGGCCAGAGATGCCAGCAGAGATG
CTAAACTATATTTGGATAATGTTATTCAGCCTCTGTTGAGTCCATATGGTACAAGAGG
CTGACACTTTTTCGGGGAGGGACATCCCAGGGCCTGGAGAGGAAACCTTTGATCCCTGG
CTGGAGCACACTAATGAGGTCTAGAGGAGTGGCAGGTGTCCGATGTAGAAAAGAGGCGG
CGGTTGATGGAGAGTCTTAGAGGCCCGCCGCTGATGTTATTCGCATCCTTAAGTCCAAC
AACCCCGGATAACCACTGCCGAATGCCTGAAGGCGCTTGAGCAGGTGTTTGGGAGCGTT
GAGAGCTCTAGGGATGCCAGATCAAAATTTCTGAACACTTATCAGAACCCGGGAGAAAAA
TTGTCTGCTTATGTCATTCGTCTGGAGCCTCTGCTACAGAAGGTGGTAGAGAAGGGGGCC
ATTGATAAAGATAATGTGAACAGGCCCGCCTAGAGCAGGTCATTGCCGGGGCCAACCAC
AGCGGGGCCATCCGAAGGCAGCTGTGGCTTACCGGGGCTGGGGAAGGGCCAGCCCCAAC
CTCTTTAGTGTGGTGCAGATCCGTGAGGAGGAAGCCAAGGAGGAGGAGGAGGAGGCT
GAGGCCACCCTTCTGCAGTTAGGCTGGAAGGGCACTTCTGA

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Clone variation with respect to NM_006029.4



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| 5' Read Nucleotide Sequence: | <p>>OriGene 5' read for NM_006029 unedited ATTTGTATACGACTCCTATAGGGCGGCCGCAATTCGCACGAGGGTGACTGCCTCAGCGT CCCCAGCTCGGCTCCGAGTGCACCTACGGACTGACTGTGGGGCAGAGAAGGGCGAGAT CAGGACTCTGTCTTTGTTAATCGTGACTGCATGAAGGTCGCTCCCTCGGGCCTACTTGG TGGGAGTGTCTGGTATTGTTCTAAGGCCAGGAGCACGGTGAGCCACAGTCTGTTGGTAGA ATTTGGCGTCTTGATAGTTGAGAAAATGGCGATGACACTGTTGGAAGACTGGTGCCGGGG GATGGATGTGAACTCCAGAGAGCTCTGTTAGTCTGGGGCATCCCAGTGAAGTGTGATGA GGCTGAAATCGAAGAGACCCTCCAGGCTGCGATGCCCCAGGTCTCTACCGAATGCTTGG GAGAATGTTCTGGAGGGAAGAAAATGCGAAAGCAGCCTTATTAGAGCTCACTGGCGCTGT AGATTACGCCGATCCCCAGGGAGATGCCGGGCAAAGGAGGGGTCTGAAAAGTGTATT TAAGCCCCAACTTCTGATGCTGAATTTTTAGAAAAGATTGCACCTCTTCTAGCTAGAGA GGGGTGGACCGTCAAGATGTTGCCCGTCTCTGGGTTTCAGAACCTACTCCGACCCC GGGCCCAGAGATGCCAGCAGAGATGCTAACTATATTTGGATAATGTTATTCAGCTCT TGTTGAGTCCATATGGTACAAGAGGCTGACACTTTTCTCGGGGAGGACATCCCAGGGCC TGGAGAGGAANCCTTTGATCCNTGNCTGNAGCCACTAATGAGGTCTANNAGGATGCCAGG TGTCATGTAAAAAGAGCGCGGTGATGGGAAGNCTANAGCCCCGCCCTGAGT</p> |
| 3' Read Nucleotide Sequence: | <p>>OriGene 3' read for NM_006029 unedited CTATGAACCGCGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTGAATTTTTAAAA TATTTTAAATTTGTATATATAACTCAAATTTAGAACACTCAGTATGAACAAGAATATTC TCTGACAAAGATGTGAAATGGGGGAGTGAATTACTGTACAGGTGCATATCAACCTCTCCA TGCAATTTACATCTGTATCTTATGCAATGAGAACTGGTTTACACAGCTCCGTAAGTCA GTATTTTTTAAACACCCCATTTTGCAGTCTCAGAATACTTTTCAATTAAACTGGTCGACAT GTTTAAAGATGAGAAATAAGATGTTTGCAATGTAAGTTGAGTAATAGCTAATAAATGCA CATTTCCTTCCATTAATATAAATCTGGAACAATTTATGGTAAACAAAAATCTATCCGCGT TATCAGTAATCTAACAGTGCATACTTTTACTGAACACTTCTGTGAGCCAGGCCTCGTAG TAAACATCTGAACATGCAATTTACATTCAGTGTGGAATAAGAAGTGTATAGGTTCCGG TGTTTTTCAACATGATTATGATGTCCATGATGACAGCGTGCCTAAGCGCTGTGTCCAA CCAACCCTTTACCTTAGCCAGCAAGACCCGCTTGCATTGCAGTCGTTACGGTGTCTCGT GGCACAATTTTAGAATGTTACATGAATACTCAGGCCTGACTAACCTTCCCTCCAAAAA CAACAAAACAGAAAGGCTAAGCCTTTACTACTCAGAGACACATCTGTNAGACCCCA GGNNACGAAAAGTAGCTGTGATCTAAGTCTGCACTAAAGCTGNCTTTCTGCACTCAGA ANTGCCCTTNCAGNCCTACTGCANAAGGNTGCCTCAGNCTCTCTNNCTCTCTGGCTTCTC A</p> |
| Restriction Sites: | ECORI-NOT |
| ACCN: | NM_006029 |
| Insert Size: | 2290 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_006029.4](#), [NP_006020.4](#)

RefSeq Size: 2666 bp

RefSeq ORF: 1062 bp

Locus ID: 9240

UniProt ID: [Q8ND90](#)

Cytogenetics: 14q24.3

Gene Summary: This gene encodes a neuron- and testis-specific protein that is also expressed in some paraneoplastic syndromes affecting the nervous system. Some patients with neurologic disorders develop antibodies against the protein encoded by this gene. The identification of the antineuronal antibodies in the sera of these patients has facilitated the diagnosis of paraneoplastic neurological disorders and the early detection of the associated tumors. [provided by RefSeq, Feb 2014]