

Product datasheet for **SC127287**

MA2 (PNMA2) (AK057067) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MA2 (PNMA2) (AK057067) Human Untagged Clone
Tag:	Tag Free
Symbol:	MA2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for AK057067 edited

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GAATTCGGCACGAGGCCTCGTGCCGAATTCGGCACGAGGGGATATGGGCAGGGGACGTC
TTCTCTGACTTCACCCTAGACCTTCTGGCTCCAAATGGGGCCCATGGCCTTGAGCACCTG
GGACCAGCTCTTTCCACCACAGGGCATTGGGCACTGGGCACTTTCTTATCGAGATAGTCA
CTCCCACGTCTGGTTCGTGATGGGCTTGCCCTCCAGCTCAGCACAACCTGCAAGAATGGA
TTTTGTATTCTCTAGACGGACACTGTCCAAGATGGTAGCCATTGGCCACATGCGACACAT
TTTTAATGAATTAATAATCAAGACTGGAATGTGGCCAGGCCTGGTGGCTCATGCC
TGTAATCCCAGCACTTTGGGAGGCCATAGAGGGCGGATGACTTGAGGTCAGGAGTTAAG
ACCAGCCTGGXXXXXXXXXXXXXXXXXXXXXXXXXGAACCCAGGAGGCAGAGAT
TGGAGTGAGCTGAGATCATGCCACTGCCCTCCAGTGGCCACCACATCCGCAAGGCAGAT
GGGACCATTTCTTCATCCAGAACGTTCTGTGGACATCACTGCTCTAGGTTCTCCCTTA
TGGAGTCTCACAAGACTGTCTAGCCAGCAAGATCTCTTTTCCAACCCAGGCCAGGAGCACC
TCTCCACCCACTGCTGCTGGTCTGACCGCCTTCCTGGAAGTCCCTCTTGAGGCAGGCCCT
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GCCACGGCCACTGTAGTGAGCTGAACCACTCCAGCAGTCCCCTGGCAGAAGCACCTGGA
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ACAGGACACCCTGTGTTGTTGGCTGCACCGGGTGCTGGGATCTGTGGATCCCTGGGGCC
TGGAAGCCACTCTCAGCACATACAGCCACTGTGTTCCGAGGTCCAGTCAGCTGGCCGGGA
AGGAATTCAACACAGCCAAGGACAGAGGTCCATATGATGACGGGTGGATGCTCGTGTGAC
TTTGCTGACCTTTTATGTTTTCTATGGCAATAAAGGCCAAGAGAGCTCAAAAAAAAAA
AAAAAACTCGAC
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5' Read Nucleotide Sequence:	>OriGene 5' read for AK057067 unedited TAATACGACTCACTATAGGGCGGCCGCAATTCGGCACGAGGCCTCGTGCCGAATTCGGC ACGAGGGGGATATGGGCAGGGGACGTCTTCTCTGACTTCACCCTAGACCTTCTGGCTCCA AATGGGGCCCATGGCCTTGAGCACTGGGACCAGCTCTTTCCACCACAGGGCATTGGGCA CTGGGCACTTTCTATCGAGATAGTCACTCCCACGTCTGGTTCGTGATGGGCTTGGCCCT CCAGCTCAGCACAACTGCAAGAATGGATTTTGTATTCTCTAGACGGACACTGTCCAAGAT GGTAGCCATTGGCCACATGCGACACATTTTAAATGAATTAATAATCAAGACTGGAAA TGTGCGCCAGGCCTGGTGGCTCATGCCTGAATCCCAGCACTTTGGGAGGCCATAGAGGG CGGATGACTTGAGGTGAGGAGTTTAAAACACANCTGGCCAACATGGTGAACCCATTT CTACTAAAAACAAAAATTAGCTGGGCATGGTGGTGTGTTCTGTGAATCCCAGCTGCTT GGGGAGGCTGAGGCAGGAGAATCGCTTGAACCCAGGAGGCAGAGATTGGAGTGAGCTGAG ATCATGCCACTGCCCTCCAGTGGCCACCACATCCGGGCAGGCAGATGGGACCATTTNCTT CTCCAGAACGTTCTGTGGACATCACTGCTCTANGTTCTCCCTATGGAGTCTCACAGACT GTCTAGCCAGCAGATCTCTTTTCAACCAGCCAGGAGCACTCTNCACTGCTGTGTCT GACCGCTTCTGNAAGNCCTCTTGAGCAGCCCTGNAGTAAAGCTGGCAGAGCACCCACGN CTATNCTTGCATCTTGACTATGCACGCCACTGATGACTGAACACTCAGCATCCCTGCAA AACACTN
3' Read Nucleotide Sequence:	>OriGene 3' read for AK057067 unedited AGCTATGGACCCGCGGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTGAGCTCTC TTGGCCTTTATTGCCATAGAAAACATAAAAGGTCAGCAAAGTCACACGAGCATCCACCC GTCATCATATGGACCTCTGTCTTGGCTGTGTTGAATTCCTTCCCGCCAGCTGACTGGA CCTCGGAACACAGTGGCTGTATGTGCTGAGAGTGGCTTCCAGGCCCCAGGGATCCACAGA TCCCAGCACCCCGGTGCAGCCAACAACACAGGGTGTCTGTCTACTGTTGGGTAGCATGG GAAGGGCTGGCCTCAGGGTGAAGGTTCCATTGCATGTTTTCCAGGTGCTTCTGCCAGG GGACTGTGAGGTGGTTCAGCTCACTACAGTGGCCGTGGCATTGAGTCAGAGATTGGCA AAGGATAAGGCTGTGGGTGCCTCTGCCAGCTTCTAACTCCAGGGCCTGCCTCAAGAGGG ACTTCCAGGAAGGCGGTGAGCCAGCAGCAGTGGGTGGAGAGGTGCTCCTGGCCTGGTTG GAAAAGAGATCTTGCTGGCTAGACAGTCTTGTGAGACTCCATAAGGGAGGAACCTAGAGC AGTGATGTCCACAGAACGTTCTGGATGAAGGAAATGGTCCCATCTGCCTTGCCGGATGTG GTGGCCACTGGAGGGCAGTGGCATGATCTCAGCTCACTCCAATCTCTGCCCTCCTGGGT CAAGCGATTCTCTGCTCAGCCTCCCAAGCAGCTGGGATTACAGGAACACACCACCATG CCCAGCTAATTTTTGTGTCTTTAGTAGAAATGGGTTTCACCATGTTGGCCAGGCTGGTCT TAAACTCCCGACCTCAATCATCCCGCCCTTATGGCCTCCAAAGTGCTGGGATACCAGCA TGAGCACCCAGGCCTGCCGAANTTTCAGCCTTGATTATTTAATTCACTAAAAAGTGTC CCATGCGCCACTGGC
Restriction Sites:	NotI-NotI
ACCN:	AK057067
Insert Size:	1220 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: [AK057067.1](#)

RefSeq Size: 1850 bp

RefSeq ORF: 1850 bp

Locus ID: 10687

Cytogenetics: 8p21.2