

Product datasheet for SC115619

MA2 (PNMA2) (NM_007257) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MA2 (PNMA2) (NM_007257) Human Untagged Clone
Tag:	Tag Free
Symbol:	MA2
Synonyms:	MA2; MM2; RGAG2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115619 sequence for NM_007257 edited (data generated by NextGen Sequencing)

ATGGCGCTGGCACTGTTAGAGGACTGGTGCAGGATAATGAGTGTGGATGAGCAGAAGTCA
CTGATGGTTACGGGATACCGCGGACTTTGAGGAGGCTGAGATTCAGGAGGTCCTTCAG
GAGACTTTAAAGTCTCTGGGCAGGTATAGACTGCTTGGCAAGATATTCGGAAGCAGGAG
AATGCCAATGCTGTCTTACTAGAGCTTCTGGAAGATACTGATGTCTCGGCCATTCCCAGT
GAGGTCCAGGGAATGGGGGTGTCTGGAAGGTGATCTTTAAGACCCCTAATCAGGACACT
GAGTTTCTTGAAAGATTGAACCTGTTTCTAGAAAAAGAGGGGCAGACGGTCTCGGGTATG
TTTCGAGCCCTGGGGCAGGAGGGCGTGTCTCCAGCCACAGTGCCTGCATCTCACCAGAA
TTACTGGCCCATTTGTTGGGACAGGCAATGGCACATGCGCCTCAGCCCTGCTACCCATG
AGATACCGGAAACTGCGAGTATTCTCAGGGAGTGTGTCCAGCCCCAGAGGAAGAGTCC
TTTGAGGTCTGGTTGGAACAGGCCACGGAGATAGTCAAAGAGTGGCCAGTAACAGAGGCA
GAAAAGAAAAGGTGGCTGGCGGAAAGCCTGCGGGGCCCTGCCCTGGACCTCATGCACATA
GTGCAGGCAGACAACCCGTCCATCAGTGTAGAAGAGTGTGGAGGCCTTTAAGCAAGTG
TTTGGGAGCCTAGAGAGCCGAGGACAGCCAGGTGAGGTATCTGAAGACCTATCAGGAG
GAAGGAGAGAAGGTCTCAGCCTATGTGTTACGGCTAGAAACCCTGCTCCGGAGAGCGGTG
GAGAAACGCGCCATCCCTCGGCGTATTGCGGACCAGGTCCGCTGGAGCAGGTATCGGT
GGGGCCACTCTTAACAGATGCTGTGGTGCCGGCTTAGGGAGCTGAAGGATCAGGGCCCCG
CCCCCAGCTTCTTGAAGTAATGAAGTAATACGGGAAGAAGAGGAGGAAGAGGCCTCC
TTTGAGAAATGAGAGTATCGAAGAGCCAGAGGAACGAGATGGCTATGGCCGCTGGAATCAT
GAGGGAGACGACTGA

Clone variation with respect to NM_007257.5
254 a=>t



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_007257 unedited <pre> TCAGCTTTTGTATACGACTCACTATAGGGCGGCCGCAATTTCGCACGAGGGANAGAGAGA GA GA TAAAGACAAGAAGTCCTGAGTTCTTGCCACTGAGTAGGCCAGGGTCATTTGTCCAGAAAA CTTTGTGACTGTCTTTGAGTGACCTAGTCTGGGACCCATTCTTGGTGGGTTCTAAGGTT AGAAGCTCATCCAGGATATTTTCAATATTAAGTCAGTGCATAGCTGCACCACTAACAAAT TGGTGCCCTGTAGAGTCAGAGTGGGTCAATTCTTAGGACAATGGCGCTGGCACTGTTAGAG GACTGGTGCAGGATAATGAGTGTGGATGAGCAGAAGTCACTGATGGTTACGGGGATACCG GCGGACTTTGAGGAGGCTGAGATTCAGGAGGTCCTTCAGGAGACTTTAAAGTCTCTGGGC AGGTATAGACTGCTTGGCAAGATATTCGGAAGCAGGAGAATGCCAATGCTGTCTTACTA GAGCTTCTGGAAGATACTGATGTCTCGGCCATTCCAGTGAGGTCCAGGGAATGGGGGT GTCTGGAAGGTGATCTTTAAGACCCCTAATCAGGACACTGAGTTTCTTGAAGATTGAAC CTGTTTCTAGAAAAAGAGGGGCAGACGGTCTCGGGTATGTTTCGAGCCCTGTGGCANGAG GGCGTGTCTTCAGCCACAGTGCCTGCATCTACCAGAATTACTGGCCCATTTGTTGGGA CAGGCAATGGCACATGCGCCTCANCCCCTGCTCCCATGAGATACCGNACTGCGAGTATC TCAGGGGTGCTGTCCAGCCCAGAGAAGAGTCTTTGAGTCTGTTGGACAGCCACGAGATA TCAAGAGTGGCCATACAN </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_007257
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:	<u>NM_007257.4</u> , <u>NP_009188.1</u>
RefSeq Size:	4788 bp
RefSeq ORF:	1095 bp
Locus ID:	10687
UniProt ID:	<u>Q9UL42</u>
Cytogenetics:	8p21.2