

Product datasheet for **SC328740**

PNMA5 (NM_001184924) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PNMA5 (NM_001184924) Human Untagged Clone
Tag:	Tag Free
Symbol:	PNMA5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>NCBI ORF sequence for NM_001184924, the custom clone sequence may differ by one or more nucleotides</p> <pre> ATGGCACTGACACTGCTAGAGGATTGGTGAAGGGGATGGACATGGACCCAGAAAGGCC CTGCTGATTGTAGGCATCCCATGGAGTGTAGTGAGGTGGAAATTCAGGACACTGTGAAG GCAGGCTTACAGCCCCTGTGCGCATACAGGGTCCTAGGGAGAATGTTACAGAGGGAAGAC AATGCCAAGGCAGTCTTCATTGAACTGGCTGACACTGTCAATTACACTACTCTGCCAGT CACATACCAGGAAAGGTGGCTCCTGGGAAGTGGTGGTAAACCCCGTAACCCAGATGAT GAGTTTCTCAGTAGACTGAACTACTTCTGAAAGATGAGGGCCGAAGTATGACAGATGTG GCCAGAGCCCTGGGATGTTGCAGCCTCCCTGCCGAGAGCCTGGATGCAGAGGTGATGCC CAAGTTAGATCCCACTTTAGAGCCTCCGAAAGAAAGTATGTGGTACAGGAACTGAAA GTGTTTTCGGGAAGTCTTCCCCTAGCCAGGCCAAGAGACCTTTGAAGACTGGCTAGAG CAGGTCACTGAGATAATGCCCATATGGCAAGTGTCTGAGGTGGAGAAGAGCGGCGTTTG CTGGAGAGCTTACGTGGGCTGCTCTGTCAATCATGCGGGTGCTCCAGGCCAACAATGAC TCCATACTGTGGAGCAGTGCCTTGACGCCCTAAAGCAGATCTTTGGGGATAAAGAGGAC TTTAGAGCCTCTCAGTTTAGTTTCTGCAGACCTCTCCGAAGATTGGAGAGAAAGTCTCC ACTTCTCTGCTGCGCTTAGAGCCCCTGCTGCAGAAAGCCGTGCACAAGAGCCCCTTGTC GTGCGCAGCACAGACATGATTCTGCTGAAACATCTCTTAGCTCGGGTCGCCATGACCCCC GCCCTCAGGGGCAAGCTGGAGCTCTTGGATCAGCGAGGGTGTCTCCCAATTTTCTGGAG TTAATGAAGCTCATTGAGATGAAGAAGAGTGGGAGAACACTGAGGCAGTGATGAAGAAT AAGGAGAAGCCATCAGGGAGAGGCCGGGGGCTCCGGTAGACAGGCAAGAGCAGAAGCC AGTGTCTCTGCACCTCAGGCCACCGTGCAGGCAAGGTCTTTAGCGACAGCAGCCCCAG ACCATACAGGGAGGCTTACCCCCATTAGTGAAACGCAGGCGGCTGTTAGGCAGTGAAAGC ACTAGGGGAGAAGACCATGGCCAGGCCACGTATCCCAAGGCTGAAAACCAGACTCCAGGC AGGGAGGGGCCACAGGCTGCAGGAGAGGAGTTGGGAAACGAGGCAGGGCTGGGGCCATG AGCCATCCCAAGCCCTGGGAAACATAG </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001184924


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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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"> 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_001184924.1, NP_001171853.1</u>
RefSeq Size:	3203 bp
RefSeq ORF:	1347 bp
Locus ID:	114824
UniProt ID:	<u>Q96PV4</u>
Cytogenetics:	Xq28
Gene Summary:	<p>This gene encodes a member of the paraneoplastic Ma antigen protein family. These proteins have been implicated in the development of paraneoplastic disorders resulting from an immune response directed against them. Paraneoplastic disorders are the result of an abnormal immune response to a tumor. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Oct 2011]</p> <p>Transcript Variant: This variant (4) differs in the 5' UTR compared to variant 2. All four variants encode the same protein.</p>