

Product datasheet for **SC108591**

PABPC3 (NM_030979) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PABPC3 (NM_030979) Human Untagged Clone
Tag:	Tag Free
Symbol:	PABPC3
Synonyms:	PABP3; PABPL3; tPABP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_030979, the custom clone sequence may differ by one or more nucleotides

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ATGAACCCAGCAGCCCCAGCTACCCAACGGCCTCGCTCTACGTGGGGACCTCCACCCGACGTGACTG
AGGCGATGCTCTACGAGAAGTTCAGCCCGCAGGGCCCATCCTCTCCATCCGGATCTGCAGGGACTTGAT
CACCAGCGGCTCCTCCAACCTACGCGTATGTGAACCTCCAGCATACGAAGGACCGGAGCATGCTCTGGAC
ACCATGAATTTTATGTTATAAAGGGCAAGCCAGTACGCATCATGTGGTCTCAGCGTGATCCATCACTTC
GAAAAAGTGGAGTGGCAACATATTCGTTAAAAATCTGGATAAGTCCATTAATAAAGGACTGTATGA
TACAGTTTCTGCTTTTGGTAACATCCTTTCTGTAACTGGTTTGTGATGAAAAATGGTTCCAAGGTTAT
GGATTTGTACACTTTGAGACACAGCAAGCAGCTGAAAGAGCTATTAAAAAATGAACGGAATGCTCCTAA
ATGGTCGCAAAGTATTTGTTGGACAATTAAGTCTCGTAAAGAACGAGAAGCTGAACTTGGAGCTAGGGC
AAAAGAGTTCCCAATGTTTACATCAAGAATTTGGAGAAGACATGGATGATGAGCGCCTAAGGATCTC
TTTGGCAAGTTCGGGCCCGCCTAAGTGTGAAAGTAAAGACCGATGAAAGTGGAAAAATCCAAGGATTTG
GATTTGTAAGCTTTGAAAGGCATGAAGATGCACAGAAAGCTGTAGATGAGATGAATGGAAAGGAGCTCAA
TGGAAAACAAATTTACGTTGGTCGAGCTCAGAAAAAGTGGAAACGGCAGACGGAACCTAAGCGCACATTT
GAACAGATGAAGCAAGATAGGATCACCAGATACCAGGTTGTTAATCTTTATGTGAAAAATCTTGATGATG
GTATTGATGATGAACGTCTCCGAAAGCGTTTTCTCCATTTGGTACAATCACTAGTGAAAGGTTATGAT
GGAAGGTGGTCGAGCAAAGGTTTGGTTTTGTATGTTTCTCCTCCCAAGAAAGCCACTAAAGCAGTT
ACAGAAATGAACGGTAGAATGTGGCCACAAGCCATTGTATGTAGCTTTAGCTCAGCGCAAAGAAGAGC
GCCAGGCTTACCTCACTAACGAGTATATGCAGAGAATGGCAAGTGTACGAGCTGTGCCAACCCAGCGAGC
ACCTCCTCAGGTTACTTCATGACAGCTGTCCACAGACTCAGAACCATGCTGCATACTATCCTCCTAGC
CAAATGCTCGACTAAGACCAAGTCTCGCTGGACTGCTCAGGGTCCAGACCTCATCCATCCAAAAAT
AGCCCGTGTCTATCCGCCAGGTGCTCCTAGAGTACCATTTAGTACTATGAGACCAGCTTCTTACAGGT
TCCACGAGTCATGTCAACGCAGCGTGTGCTAACACATCAACACAGACAGTGGGTCCACGTCTGACGT
GCTGCTGCTGCTGACGCTACCCCTGCTGTGCGCACGGTCCACGGTATAAATATGCTGCGGGAGTTCGCA
ATCCTCAGCAACATCGTAATGCACAGCCACAAGTTACAATGCAACAGCTTGTGTTTATGTAACAGGTC
GGAAACTTTGACTGCCTCCAGGTTGGCATCTGCCCTCCTCAAAAGCAAAAGCAAATGTTAGGTGAACGG
CTCTTTCTCTTATTCAAGCCATGCACCCTACTTGTGGGAAAATCACTGGCATGTTGTTGGAGATTG
ATAATTCAGAACTCTTTATATGCTCGAGTCTCCAGAGTCACTCCGTTCTAAGGTTGATGAAGCTGTAGC
TGTAACAAGCCCAAGCTAAAGAGGCTACCCAGAAAGCAGTTAACAGTGTACCGGTGTTCCAAC
GTTTAA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_030979 unedited

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ATTTGTAATACGACTCACTATAGGGCGCCGGAATTCGGCAGGAGGAAAAATCCGCGTC
TCCCCCGCGGAGACTTTTTATTTTTTTTCTCCTTTTTATAAAAAAACCCTGTAAGCAG
CCGAGACCGACCCGCCCGCCCGCCGCGCCGCGCAGCAGCTCCAAGAAGGAACCAAGAGACCG
AGGCCTTCCCGCTGCCCGGACCCGACACCGCCACCCTCGTCTCCCGCCGGCAGCCGGCAG
CCAGCGGCAAGTGGATCGACCCCGTCTGCGGCCGTTGAGTAGTTTTCAATTCCGTTGAT
TTTTGTCCCTCTGCGCTTGTCTCCCGCTCCCTCCCGCCGGTCCGGCCCCAGCCCCGG
CACTCGCTCTCCTCTCACGAAAGGTCGCGGCCTGTGGCCCTGCGGGCAGCCGTGCC
GAGATGAACCCAGTGCCCCAGCTACCCCATGGCCTCGTCTACGTGGGGACCTCCAC
CCCAGCTGACCGAGGCGATGCTCTACGAGAAGTTCAGCCCGCCGGGCCATCCTCTCC
ATCCGGGTCTGCAGGGACATGATCACCCCGGCTCCTTGGGCTACGCGTATGTGAACCTC
CAGCAGCCGGCGGACCGGAGCGTGCTTTGGACACCATGAATTTGATGTTATAAAGGGC
AAGCCAGTACGCATCATGTGGTCTCAGCGTGATCCATCACTTCGCAAAGTGGAGTANGCA
ACATATTCATTAATAATCTGGACAAATCCATTGATAATAAAGCACTGTATGATACATTNT
CTGCTTTTGGTAACATCCTTTTATGTAAGGTGGTTTGTGATGAAAAATGGTTCCAAGGGCT
ATGGATTTGTACACTTTGAGACGCAGAC
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_030979 unedited CCGCGGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTAACTGTTTAAGGAA TTTTTATTAAGCAAGAATTTTATAATCCAAATTACGTTTCCTTGCTCAGTTATCAATTC TGTTACTTAAAACAGAAGTACATTCTGAGCTATTCCACAGTAAAGAATTACAAAATTAA AGAAAGGAATGCTTAAATCTTTGACTTTGCTGAAAATCTTTTTCCCAGGGTCTATAA AACATTAATTTGTTTTATTTAACTATTTTTTGGGTTTTTTGTTTTTAAATCAATA AGTAATCTAGGACTAGCATTATGTTTGCTAAACCTGGCATTGCTCGGTACATAAGGTTT AAAGTTTCCTTTCTTTTTTATTATTTTATTTTATTTTCGCAATGTTTTTTTTCCATAATAT TTAAGTTTTTCGATGTTTAGATTTTTTCTTCGGTGAAGCACAAGTTTCTTTTCATGGCC CCTGATCAATTTTAAACAGTTGGAACACCGGTGGCACTGTTAACTGCTTCTGGGCAGCC TCTTTACCTTGGTGGGCTGTAGTACAGCTACAGTTTCATCAACCCTTAGAACGGAGCGA CTCTGGAGACTCGAGCATATGAAAAATTTCTGAATTATCAATCTCCAACACCATGCCAG GGATTTTACCACCAACATAGGGTGCATGGCTTGAATAAAAGGAACAAGCCGCTACCCAAC TTTGTTCGTCTGGAGAGGGCCTATGCCACCTGGAATCAGCCAAACGGTTCTGAACC TTCACATTAAGAAGCCTGCCGATGCGAACTTGTGGCTGGCCCTTAAATGTTGCGGA GGCATGCGAACTCTGCAATTATTCCTCCGGGGAACGGGCGTGATACCCAACCTTTGACAC CGCTCCCCTTGACAGACCGGGACCCCTTCCCGGTGATGTAACAACCTCTGGTGAAC TAC
Restriction Sites:	NotI-NotI
ACCN:	NM_030979
Insert Size:	2870 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"> 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_030979.2</u> , <u>NP_112241.2</u>
RefSeq Size:	2430 bp
RefSeq ORF:	1896 bp
Locus ID:	5042
UniProt ID:	<u>Q9H361</u>
Cytogenetics:	13q12.13
Domains:	RRM, PABP, RRM_1

Gene Summary:

Messenger RNA stability and translation initiation are extensively under the control of poly(A)-binding proteins (PABP). See PABPC1 (MIM 604679) for background information.[supplied by OMIM, Jul 2002]