

## Product datasheet for **RC206123**

### **PABPC3 (NM\_030979) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	PABPC3 (NM_030979) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PABPC3
Synonyms:	PABP3; PABPL3; tPABP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RC206123 representing NM\_030979  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAACCCAGCACCCCCAGCTACCCAACGGCCTCGCTCTACGTGGGGACCTCCACCCCGACTGACTG  
 AGGCGATGCTCTACGAGAAGTTCAGCCCGCAGGGCCCATCCTCTCCATCCGGATCTGCAGGGACTTGAT  
 CACCAGCGGCTCCTCCAACACGCGTATGTGAACCTCCAGCATACGAAGGACGCGGAGCATGCTCTGGAC  
 ACCATGAATTTTGGTATATAAAGGGCAAGCCAGTACGCATCATGTGGTCTCAGCGTGATCCATCACTTC  
 GAAAAAGTGGAGTGGGCAACATATTCGTTAAAAATCTGGATAAGTCCATTAATAATAAAGCACTGTATGA  
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 AAAAGAGTTCCCAATGTTTACATCAAGATTTTGGAGAAGACATGGATGATGAGCGCCTTAAGGATCTC  
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 GATTTGTAAAGCTTTGAAAGGCATGAAGATGCACAGAAAGCTGTAGATGAGATGAATGGAAAGGAGCTCAA  
 TGGAAAACAAATTTACGTTGGTCGAGCTCAGAAAAAGTGGAAACGGCAGACGGAACCTTAAGCGCACATTT  
 GAACAGATGAAGCAAGATAGGATCACCAGATACCAGGTTGTTAATCTTTATGTGAAAAATCTTGATGATG  
 GTATTGATGATGAACGTCTCCGGAAAGCGTTTTCTCCATTTGGTACAATCACTAGTGCAAAGGTTATGAT  
 GGAAGGTGGTCGAGCAAAGGGTTTGGTTTTGTATGTTTCTCTCCCAAGAAAGCCACTAAAGCAGTT  
 ACAGAAATGAACGGTAGAATTGTGGCCACAAAGCCATTGTATGTAGCTTTAGCTCAGCGCAAAGAAGAGC  
 GCCAGGCTTACCTCACTAACGAGTATATGCAGAGAATGGCAAGTGTACGAGCTGTGCCCAACCGCAGC  
 ACCTCCTTCAGGTTACTTCATGACAGCTGTCCCACAGACTCAGAACCATGCTGCATACTATCCTCCTAGC  
 CAAATTGCTCGACTAAGACCAAGTCCTCGCTGGACTGCTCAGGGTGCCAGACCTCATCCATTCCAAAATA  
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 ATCCTCAGCAACATCGTAATGCACAGCCACAAGTTACAATGCAACAGCTTGTGTTTATGTACAAGGTCA  
 GAAACTTTGACTGCCTCCAGTTGGCATCTGCCCTCCTCAAAGCAAAGCAAATGTTAGGTGAACGG  
 CTCTTTCTCTTATTCAAGCCATGCACCCTACTTTGCTGGGAAAATCACTGGCATGTTGTTGGAGATTG  
 ATAATTCAGAACTCTTTATATGCTCGAGTCTCCAGAGTCACTCCGTTCTAAGGTTGATGAAGCTGTAGC  
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 GTT

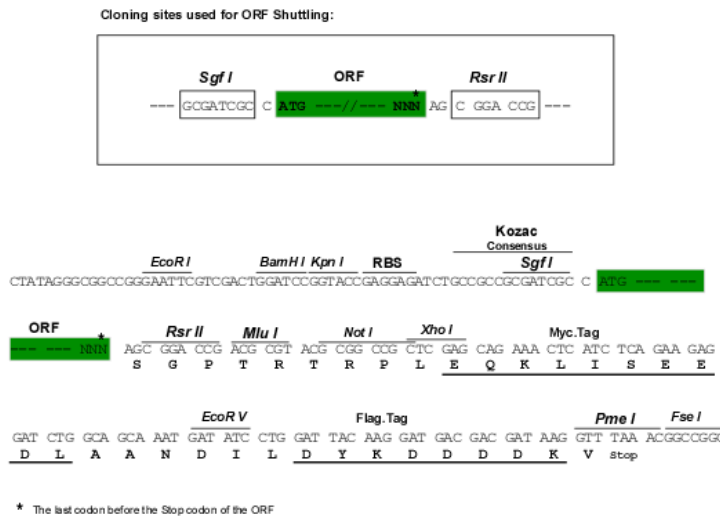
AG**GACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC206123 representing NM\_030979  
 Red=Cloning site Green=Tags(s)

MNPSTPSYPTASLYVGDLPDVTEAMLYEKFSPAGPILSIRICRDLITSGSSNYAVNFMQHTKDAEHALD  
 TMNFDVIKGPVPRIMWSQRDPSLRKSGVGNIFVKNLKINNKALYDTSVAFGNILSCNVVCDENGSKGY  
 GFVHFETHAAERAIAIKMNGMLLNGRKFVVGQFKSRKEREAEELGARAKEFPNVIKNFGEDMDDERLKD  
 LFGKFGPALSVKVMTDESGKSKGFGVVSFERHEDAQKAVDEMNGKELNGKQIYVGRAQKQKVERQTELKRTF  
 EQMKQDRITRYQVYNLYVKNLDDGIDDERLRKAFSPFGTITSKVMMEGGRSKGFGVCFSSPEEATKAV  
 TEMNGRIVATKPLYVALAQRKEERQAYLTNEYMQRMASVRAVPNQAPPVSGYFMTAVPQTQNHAAAYPPS  
 QIARLRSPRWTAQGARPHFPQNKPSAIRPGAPRVPFSTMRPASSQVPRVSTQRVANTSTQTVGPRPAA  
 AAAAAATPAVRTVPRYKYAAGVRNPQQHRNAQPQVTMQLAVHVQGGQETLTASRLASAPPQKQKQMLGER  
 LFPLIQAMHPTLAGKITGMLLEIDNSELLYMLSPESLSKRVDEAVAVLQAHQAKEATQKAVNSATGVPT  
 V

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk8113\\_b04.zip](https://cdn.origene.com/chromatograms/mk8113_b04.zip)  
**Restriction Sites:** SgfI-RsrII  
**Cloning Scheme:**



**ACCN:** NM\_030979

**ORF Size:** 1893 bp

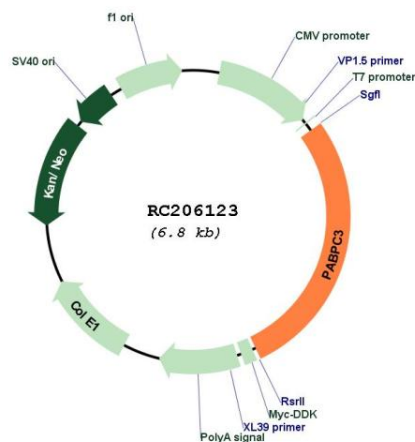
**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<a href="#">NM_030979.2</a> , <a href="#">NP_112241.2</a>
<b>RefSeq Size:</b>	2430 bp
<b>RefSeq ORF:</b>	1896 bp
<b>Locus ID:</b>	5042
<b>UniProt ID:</b>	<a href="#">Q9H361</a>
<b>Cytogenetics:</b>	13q12.13
<b>Domains:</b>	RRM, PABP, RRM_1
<b>MW:</b>	69.9 kDa
<b>Gene Summary:</b>	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]

### Product images:



Circular map for RC206123