

## Product datasheet for **SC204691**

### **PABPC4 (NM\_003819) Human 3' UTR Clone**

#### **Product data:**

**Product Type:** 3' UTR Clones  
**Product Name:** PABPC4 (NM\_003819) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** PABPC4  
**Synonyms:** APP-1; APP1; iPABP; PABP4  
**ACCN:** NM\_003819  
**Insert Size:** 350 bp  
**Insert Sequence:** >SC204691 3'UTR clone of NM\_003819  
The sequence shown below is from the reference sequence of NM\_003819. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGGGCGCTGTTGCTGCTACCTCTTAGACAAGGAAAAACCGATTCAAAGCCAATAACCCCTTAT
GGAATTCAACTCAAGTTTGAAGACTTCTAGCTTGTCCTATGGACCTCAACACCAAGGATTACAAATT
GCAAATTTAATAGGTCATTTTGTATCAAAGGTC AATTATGAAGCACCTAGAATTTTCAATTATACGA
ATATGTTCTTTGGTTCTGCTGTGGCCCAGACAGTGTAACTTTTTTTTATTGTGGGTTTTGATTTTT
TCCCCAGAAATTGGTTTTATTTGATGTACCCAAGTCTTACGTTTCCCAATAAAGAAAAAAATCTCCA
TAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_003819.4](#)



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**Summary:**

Poly(A)-binding proteins (PABPs) bind to the poly(A) tail present at the 3-prime ends of most eukaryotic mRNAs. PABPC4 or IPABP (inducible PABP) was isolated as an activation-induced T-cell mRNA encoding a protein. Activation of T cells increased PABPC4 mRNA levels in T cells approximately 5-fold. PABPC4 contains 4 RNA-binding domains and proline-rich C terminus. PABPC4 is localized primarily to the cytoplasm. It is suggested that PABPC4 might be necessary for regulation of stability of labile mRNA species in activated T cells. PABPC4 was also identified as an antigen, APP1 (activated-platelet protein-1), expressed on thrombin-activated rabbit platelets. PABPC4 may also be involved in the regulation of protein translation in platelets and megakaryocytes or may participate in the binding or stabilization of polyadenylates in platelet dense granules. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2008]

**Locus ID:**

8761

**MW:**

12.9