

Product datasheet for **SC323154**

PABPC1L (NM_001124756) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PABPC1L (NM_001124756) Human Untagged Clone
Tag:	Tag Free
Symbol:	PABPC1L
Synonyms:	C20orf119; dj1069P2.3; EPAB; PABPC1L1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC323154 representing NM_001124756.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAACGCCAGCGTTCTGGCTACCCGCTTGCCTCGCTTACGTGGCGATCTGCACCCCGACGTGACC
GAGGCCATGCTCTATGAGAAGTTCTCTCCGCGGCCCATCCTGTCCATCCGCGTGTGCCGCGATGTA
GCCACCCGGCGCTCGCTGGGCTACGCCTACATCAACTCCAGCAGCCCGGGACGCGGAGCGGGCACTG
GACACAATGAACCTTGGATGCTCAAAGGCCAGCCTATTCGCATCATGTGGTCCCAGCGAGACCCAGGA
CTTCGCAAGTCAGGTGTGGGCAACATCTTCATCAAGAACCTGGAGGACTCCATTGACAACAAGGCTTTA
TATGATACCTTCTCCACCTTTGGGAACATCCTCTCTTGAAGGTGGCGTGTGACGAGCATGGCTCCCGG
GGTTTCGGCTTTGTCCATTTTGGACCCATGAGGCCGCACAGCAGGCCATCAACACCATGAATGGGATG
CTGCTGAATGACCGCAAAGTCTTTGTGGGTCACCTCAAGTCTCGACGGGAGCGGGAGGCGGAGCTGGGG
GCGCGGGCCCTGGAGTTCACCAACATCTACGTGAAGAACCTCCCGGTGGATGTGGACGAGCAAGGCCTG
CAGGACCTCTTCTCCAGTTTGGAAAAATGCTGAGTGTGAAGGTGATGAGGGACAACAGCGGCCACTCG
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CCAGCCCAGGCTGCATACTATGGCTGTGGCCAGTGACACCCACCCAGCCTGCCCCAGGTGGACATCC
CAGCCACCTAGACCTTCTGTGCCTCAATGGTCCGGCCACCAGTTGTGCCTCGGGCCCCCGGCCAC
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CCCCTGACCGCTCCATGCTGGCTGCGGCCCCCTGCATGAGCAAAGCAGATGATTGGGGAGCGTCTC
TACCCCTTATCCATGATGTCCACACCCAGCTGGCTGGCAAGATCACGGGCATGCTGCTGGAGATTGAC
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GTGCTGCAGGCACACCAGGCTATGGAGCAGCCGAAGGCGTACATGCACTGA
ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
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Restriction Sites: Sgfl-MluI

ACCN: NM_001124756

Insert Size: 1845 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).

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:

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: [NM_001124756.2](#)

RefSeq Size: 2135 bp

RefSeq ORF: 1845 bp

Locus ID: 80336

UniProt ID: [Q4VY17](#)

Cytogenetics: 20q13.12

MW: 68.4 kDa

Gene Summary: This gene belongs to the polyadenylate-binding protein type-1 family of proteins. Members of this family bind to the polyA tails of mRNAs to regulate mRNA stability and translation. The mouse ortholog of this gene is required for female fertility. In human, expression of a functional protein is regulated by alternative splicing. The protein-coding splice variant for this gene is abundantly expressed in human oocytes, while a noncoding splice variant subject to nonsense-mediated decay is the predominant splice variant expressed in somatic tissues. [provided by RefSeq, Aug 2019]

Transcript Variant: This variant (1) encodes the protein.