

Product datasheet for **RC226022**

PABPC1L (NM_001124756) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	PABPC1L
Synonyms:	C20orf119; dJ1069P2.3; EPAB; PABPC1L1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence: >RC226022 representing NM_001124756
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAACGCCAGCGGTTCTGGCTACCCGCTTGCTCGCTTACGTGGCGATCTGCACCCGACGTGACCG
 AGGCCATGCTCTATGAGAAGTTCTCTCCCGCCGCCCATCTGTCCATCCGCGTGTGCCGCGATGAGC
 CACCCGGCGCTCGCTGGGTACGCCTACATCAACTTCCAGCAGCCCGGACGCGGAGCGGGCACTGGAC
 ACAATGAACTTTGAGATGCTCAAAGGCCAGCCTATTCGCATCATGTGGTCCCAGCGAGACCCAGGACTTC
 GCAAGTCAGGTGTGGGCAACATCTTCATCAAGAACCTGGAGGACTCCATTGACAACAAGGCTTTATATGA
 TACCTTCTCCACCTTTGGGAACATCTCTTGAAGGTGGCGTGTGACGAGCATGGCTCCCGGGGTTTC
 GGCTTTGTCCATTTTGAGACCCATGAGGCCGACAGCAGGCCATCAACACCATGAATGGGATGCTGCTGA
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 CCATTGATGACGACAACTGAGGAAAGAGTTCTCTCCCTATGGAGTAATTACCAGTGCAGAGGTGATGAC
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 GGAAGGCCATCTTGACCAACCAGTACATGCAGCGCCTCTCCACCATGCGGACCTGAGCAACCCCTCT
 GGGCTCCTTTGAGCAGCCCTCCAGCTACTTCTGCTGCCATGCCCGAGCTCCAGCCAGGCTGCATAC
 TATGGCTGTGGCCAGTGACACCCACCCAGCCTGCCCCAGGTGGACATCCAGCCACCTAGACCTTCTCT
 GTGCTCAATGGTCCGGCCACCAAGTGTGCTCGGCGCCCCCGGCCACATCAGCAGTGTGAGGAGGC
 CTCCACCCAGGTGCCACGCACGGTGCCTCATACCCAGAGAGTAGCAACATTGGTACTCAGACCACAGGA
 CCCAGTGGGGTAGGATGCTGTACACCAAGGCGCGCTCCTGCCGTGCAAAATGTTCTCAGCAGCACATA
 GCACCTATCGGGTCCAGGAGCCGGCTGTGCACATCCAGGACAGGAGCCCTGACCGCGTCCATGCTGGC
 TCGCGCGCCCTGCATGAGCAAAAGCAGATGATTGGGAGCGTCTCTACCCCTTATCCATGATGTCAC
 ACCCAGCTGGCTGGCAAGATCACGGGCATGCTGCTGGAGATTGACAACCTCAGAGCTGTTGCTCATGCTGG
 AGTCTCCAGAATCCCTCCATGCCAAGATAGACGAGGAGTGGCCGTGCTGCAGGCACACCAGGCTATGGA
 GCAGCCGAAGGCGTACATGCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC226022 representing NM_001124756
 Red=Cloning site Green=Tags(s)

MNASGSGYPLASLYVGLHPDVTEAMLVEKFSAPGILSIRVCRDVATRRSLGYAYINFQQPADAERALD
 TMNFEMLKGPPIRIMWSQRDPGLRKSGVGNIFIKNLEDSIDNKALYDTFSTFGNLSCKVACDEHSGRGF
 GFVHFETHEAAQQAINTMNGMLLNDKRVFVGHFKSRREREELGARALEFTNIYVKNLPVDVDEQLQDL
 FSQFGKMLSVKVMRDNSGHSRCFGFVNFKEHEEAQKAVVHMNGKEVSGRLLYAGRAQKRVERQNELKRRF
 EQMKQDRLRRYQGVNLYVKNLDDSIDDKLRKEFSYGVITSKVMTEGGHSGFGFVCFSSPEEATKAV
 TEMNGRIVGKPLLYVALAQRKEERKAILTNQYMQRLSTMRTLSNPLLGSFQQPSSYFLPAMPQPPAQAAY
 YGCGPVTPTQAPRWTSQPPRPSACSMVRPPVPRPPAHISSVRQASTQVPRTPHQRVANIGTQTG
 PSGVGCTPGRPLLPCCKSSAAHSTYRVQEPVHIPGQEPLTASMLAAAPLHEQKQMI GERLYPLIHDVH
 TQLAGKITGMILLEIDNSELLLMLESPELHAKIDEAVAVLQAHQAMEQPKAYMH

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8034_b1l.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001124756

ORF Size: 1842 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).

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

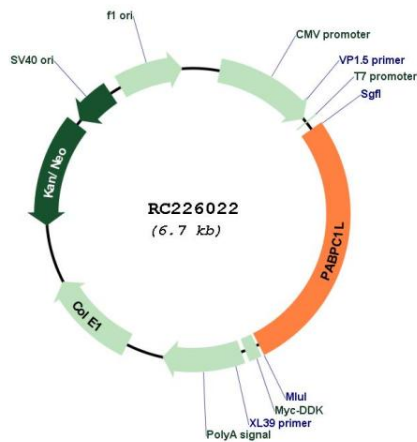
RefSeq: NM_001124756.2, NP_001118228.1

RefSeq ORF: 1845 bp

Locus ID: 80336
UniProt ID: [Q4VY17](#)
Cytogenetics: 20q13.12
MW: 68.2 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]

Product images:



Circular map for RC226022

Western validation with an anti-DDK antibody
 * L: Control HEK293 lysate R: Over-expression lysate