

Product datasheet for **RC224446**

PABPCIL2A (PABPCIL2B) (NM_001042506) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	PABPCIL2A
Synonyms:	RBM32B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >RC224446 representing NM_001042506
Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCTCCCTGTACGTGGGCGACCTGCACCCTGAGGTGACCGAGGCAATGCTGTACGAGAAGTTCACTC
CAGCTGGGCCCCTCTCCATCCGCATCTGCAGGGACAAGATCACCCGCCGCTCATTGGGCTACGCGTA
TGTCAACTACCAGCAACCGGTGGAGGCCAAGCGGGCCCTGGAGACCCTGAACCTTGTATGCATAAAGGGC
AGGCCAGTGCGCATCATGTGGTCCCAGAGGACCCGTCGCTCCGCAAGAGCGGGGTGGGCAACGCTTCA
TCAAGAACCTGGGCAAGACCATCGACAACAAGGCGCTGTACAACATCTTCTCGGCGTTTCGGCAACATCCT
CTCCTGCAAAGTGGCCTGTGACGAAAAGGGGCCAAGGGCTACGGGTTCTGTCACTTCCAAAAGCAGGAA
TCTGCGGAGCGGGCCATCGATGTGATGAATGGCATGTTCTGAACTACCGCAAAATTTTCGTCGGGAGAT
TCAAGTCGCATAAAGAACGAGAGGCCGAAAGGGGAGCCTGGGCCAGGCAGTCCACTAGTGCTGACGTCAA
GGATTCGAGGAAGACACCGACGAGGAGGCCACCTTGCGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC224446 representing NM_001042506
Red=Cloning site Green=Tags(s)

MASLYVGDLPHEVTEAMLYEKFSPAGPILSIRICRDKITRRSLGYAVVNYQQPVDAKRALETNFDVIK
RPVRIMWSQRDPSLRKSGVGNVFIKNLGKTIDNKALYNIFSAFGNILSCKVACDEKGPKGYGTVHFQKQE
SAERAIDVMNGMFLNYRKIFVGRFKSHKEREARGAWARQSTSADVKDFEEDTDEEATLR

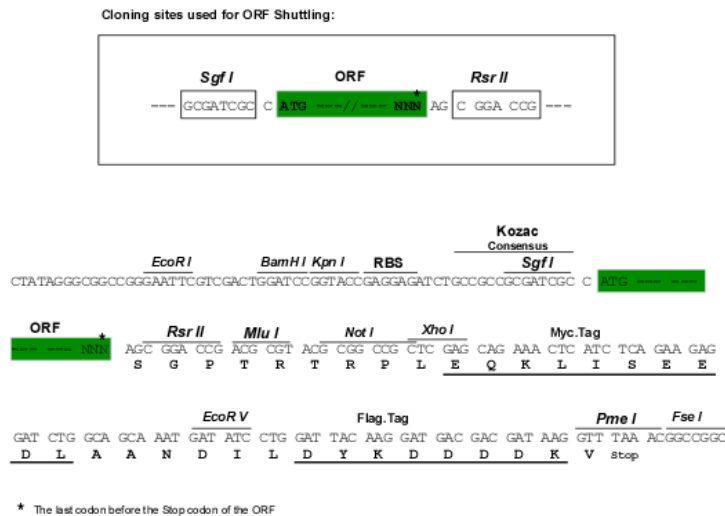
SGPTRRRLE**QKLISEEDLAANDILDYKDDDDKV**



Chromatograms: https://cdn.origene.com/chromatograms/ja1268_c09.zip

Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN: NM_001042506

ORF Size: 600 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.

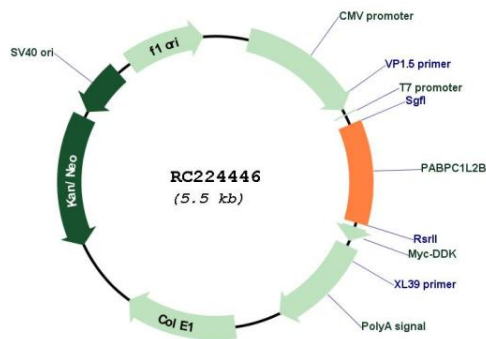
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

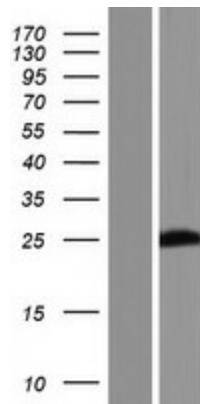
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store 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:	<u>NM_001042506.2</u>
RefSeq Size:	2200 bp
RefSeq ORF:	603 bp
Locus ID:	645974
UniProt ID:	<u>Q5JQF8</u>
Cytogenetics:	Xq13.2
MW:	22.6 kDa

Product images:



Circular map for RC224446



Western blot validation of overexpression lysate (Cat# [LY420947]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from un-transfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC224446 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).