

## Product datasheet for **MG209846**

### **Pabpc4 (BC056432) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pabpc4 (BC056432) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Pabpc4
Synonyms:	MGC6685, MGC11665
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide  
Sequence:

>MG209846 representing BC056432  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGAACGCTGCAGCCAGCAGCTACCCCATGGCCTCCTTATACGTGGCGATTTGCACTCGGACGTACCCG  
AAGCCATGCTGTATGAAAAGTTTAGCCCTGCGGGCCTGTGCTGTCCATCCGGGTCTGTCGCGATATGAT  
CACCCGCGCTCTCTGGTTATGCCTACGTCAACTCCAGCAGCCAGCTGACGCTGAGAGGGCCTTGGAC  
ACCATGAACCTCGACGTGATGAAGGAAAGCCGATCCGCATCATGTGGTCGAGAGGGATCCCTCGTTGA  
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CACTTTCTCTGCCTTTGGAAACATCTTGTCTGTAAGGTGGTCTGTGATGAGAACGGCTCTAAGGGCTAT  
GCTTTTGTTCACTTCGAGACCAAGAGGCCGCGACAAGGCCATCGAGAAGATGAATGGCATGCTTCTCA  
ATGACCGTAAAGTGTTCGTGGGTAGATTCAAGTCTCGAAAGAGCGGGAAGCGGAGCTTGGAGCCAAGGC  
CAAGGAATTCACCAATGTTTATATCAAAAACCTTGGAGAAGAGGTGGATGATGGGAATCTGAAAGAGCTC  
TTCAGCCAGTTTGGTAAGACCCTAAGTGTCAAGGTGATGAGAGACTCCAGTGGGAAGTCCAAAGGCTTTG  
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GAGCAGCTCAAGCAGGAGAGGATTAGCCGGTACCAGGGGGTGAATCTCTACATTAAGAACTTGGATGACA  
CCATTGATGATGAGAAATGAGGAGAGAGTTTTCTCCCTTTGGATCAATCACCAGCGCAAGGTGATGCT  
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CGCTTGGCTATGGACTTTGGTGGGGCTGGTGCCGCCAGCAAGGGCTGACTGACAGCTGCCAGTCTGGAG  
GCGTCCCTACAGCCGTGCCAACCTTGACCTCGGGCCGAGTTGCTGCCGCCGCTCCAGGGCTGTGGC  
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CGGGATGCTGCTGGAATCGACAACCTGAGCTGCTGCACATGCTGGAGTCCCCCGAGTCCCTCCGCTCC  
AAGGTAGATGAAGCGGTGGCAGTCTGCAGGCTCACCATGCCAAGAAAGAAGCTGCCAGAAGGTGGGCA  
CTGTTGCTGCTACCTCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG209846 representing BC056432  
Red=Cloning site Green=Tags(s)

```
MNAAASSYPMASLYVGDHLSDVTEAMLYEKFSPAGPVL SIRVCRDMITRRSLGYAYVNFQQPADAERALD
TMNFDVMKGP I RIMWSQRDPSLRKSGVGNVFIKNLDKSIDNKALYDTFSAFGNILSCKVVCDENGSKGY
AFVHFETQEAADKAIEKMNGMLLNDRKVFVGRFKSRKEREAEELGAKAKEFTNVYIKNFGEVDDGNLKEF
FSQFGKTL SVKVMRDSSGKSKGFGFVSYEKHEDANKAVEEMNGKEMSGKAI FVGRAQKKVERQAE LKRKF
EQLKQERISRYQGVNLYIKNLDDTIDDEKLRREFSPFGSITSAKVMELEDGRSKGFGVCFSSPEEATKAV
TEMNGRI VGSKPLYVALAQRKEERKAHL TNQYMQRVAGMRALPASAILNQFQPAAGGYFVPAVPQAQGRP
PYYTPNQLAQMRPNRWQQGGRPQGFQGMPSALRQSGPRPALRHLAPTGNAPASRGLPTTAQRVGSECPD
RLAMDFGGAGAAQQGLTDSCQSGGVPTAVPNLAPRAAVAAAAAPRAVAPYKYASSVSRPHPAIQPLQAPQP
AVHVQGGQEPLTASMLAAAPPQEQQMLGERL FPLIQTMHNSNLAGKITGM LLEIDNSELLHMLESPESLRS
KVDEAVAVLQAHHAKKEAAQKVGTVAAATS
```

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** BC056432

**ORF Size:** 1982 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.

**RefSeq:** [BC056432](#), [AAH56432](#)

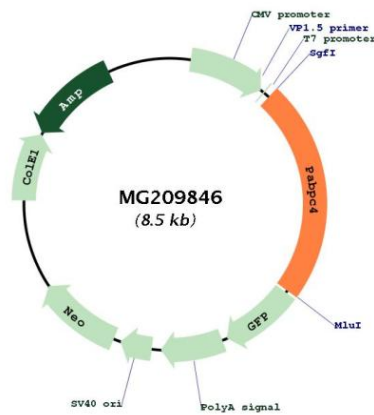
**RefSeq Size:** 3038 bp

**RefSeq ORF:** 1982 bp

**Locus ID:** 230721

**Cytogenetics:** 4 D2.2

**Product images:**



Circular map for MG209846