

## Product datasheet for **MG209839**

### **Pabpc4 (BC003283) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pabpc4 (BC003283) 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:

>MG209839 representing BC003283  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGAATGCTGCAGCCAGCAGCTACCCCATGGCCTCCTTATACGTGGCGATTTGCACTCGGACGTACCCG  
AAGCCATGCTGTATGAAAAGTTTAGCCCTGCGGGCCTGTGCTGTCCATCCGGGTCTGTCGCGATATGAT  
CACCCGCGCTCTCTGGTTATGCCTACGTCAACTTTCAGCAGCCAGCTGACGCTGAGAGGGCCTTGGAC  
ACCATGAACCTCGACGTGATGAAGGAAAGCCGATCCGCATCATGTGGTCGAGAGGGATCCCTCGTTGA  
GAAAATCTGGGGTTGGGAATGTCTTCAACAAGAACCTGGACAAATCCATAGACAACAAGGCACTGTATGA  
CACTTTCTCTGCCTTTGAAACATCTTGTCTGTAAGGTGGTCTGTGATGAGAACGGCTCTAAGGGCTAT  
GCTTTTGTTCACTTCGAGACCAAGAGGCCGCCGACAAGGCCATCGAGAAGATGAATGGCATGCTTCTCA  
ATGACCGTAAAGTGTTCGTGGGTAGATTCAAGTCTCGAAAGAGCGGGAAGCGGAGCTTGGAGCCAAGGC  
CAAGGAATTCACCAATGTTTATATCAAAAACCTTGGAGAAGAGGTGGATGATGGGAATCTGAAAGAGCTC  
TTCAGCCAGTTTGGTAAGACCCTAAGTGTCAAGGTGATGAGAGACTCCAGTGGGAAGTCCAAAGGCTTTG  
GCTTTGTAAGTTACGAGAAACACGAGGATGCCAATAAGGCTGTGGAAGAAATGAATGGAAGGAAATGAG  
CGGAAAGCCATATTTGTAGGCCGTGCACAGAAAAGGTAGAAAGGCAGGCTGAGCTAAAGCGGAAGTTT  
GAGCAGCTCAAGCAGGAGAGGATTAGCCGGTACCAGGGGGTGAATCTCTACATTAAGAAGTTGGATGACA  
CCATTGATGATGAGAAATTAAGGAAAGAGTTTTCTCCCTTTGGATCAATCACCAGTGCAGGATGATGCT  
AGAAGATGGGAGAAGCAAAGGGTTTGGCTTTGTCTGTTTCTCCTCCTGAAGAGCGCACAAAGCTGTC  
ACCGAGATGAATGGACGATTGTGGCTCCAAGCCTCTGTACGTGCCCCGGCCAGAGGAAGGAAGAGC  
GGAAGGCTCACCTGACTAACCAGTACATGCAGCGTGTGGCGGGGATGAGAGCACTCCCTGCCAGTGCCAT  
CTTAAATCAGTTCAGCCTGCAGCTGGTGGCTATTTTGTGCTGCAGTTCGCGAGGCTCAGGGAAGACCC  
CCATATTACAGCCTAACCAAGTTAGCACAGATGAGGCCTAATCCAGCTGGCAGCAAGGCGGAGACCTC  
AAGGCTTCCAAGGAATGCCAAGTGCCCTGCGGCAGTCTGGCCTCGTCCAGCTCTTCGACATCTGGCTCC  
AACTGGTAATGCTCCGGCCTCTCGTGGCCTTCTACTACTGCTCAGAGAGTCGGGTCTGAGTGCCCGGAC  
CGCTTGGCTATGGACTTTGGTGGGGCTGGTGCCGCCAGCAAGGGCTGACTGACAGCTGCCAGTCTGGAG  
GCGTCCCTACAGCCGTGCCAACCTTGACCTCGGGCCGAGTTGCTGCCCGCTCCAGGGCTGTGGC  
TCCATACAAGTACGCTCCAGTGTCCGAGCCACACCCTGCCATCCAGCCGCTGCAGGCCCCCAGCCT  
GCAGTCCAGTCCAGGGTCAGGAGCCCCGACTGCCTCCATGCTTGTGTCAGCGCCCCCTCAGGAGCAGA  
AGCAGATGCTGGGGAGCGTCTGTTCCCGCTTATCCAAACAATGCATTCAAACCTGGCTGGGAAAATCAC  
CGGGATGCTGCTGGAATCGACAACCTGAGCTGCTGCACATGCTGGAGTCCCCCGAGTCCCTCCGCTCC  
AAGGTAGATGAAGCGGTGGCAGTCTGCAGGCTCACCATGCCAAGAAAGAAGCTGCCAGAAGGTGGGCA  
CTGTTGCTGCTACCTCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG209839 representing BC003283  
 Red=Cloning site Green=Tags(s)

MNAAASSYPMASLYVGDHLHSDVTEAMLYEKFSAPGPVLSIRVCRDMITRRSLGYAYVNFQQPADAERALD  
 TMNFDVMKGPPIRIMWSQRDPSLRKSGVGNVFIKNLDKSIDNKALYDTFSAFGNILSCKVVCDENGSKGY  
 AFVHFETQEAAADKAIEKMNGMLLNDRKVFVGRFKSRKEREAEELGAKAKEFTNVYIKNFGEVDDGNLDEL  
 FSQFGKTL SVKVMRDSSGKSKGFGFVSYEKHEDANKAVEEMNGKEMSGKAIFVGRAQKKVERQAELKRKF  
 EQLKQERISRYQGVNLYIKNLDDTIDDEKLKREFSPFGSITSAKVMLEDGRSKGFGVCFSSPEEATKAV  
 TEMNGRIVGSKPLYVALAQRKEERKAHLTNQYMQRVAGMRALPASAILNQFQPAAGGYFVPAVPQAQGRP  
 PYYTPNQLAQMPPNPRWQQGGRPQGFQGMPSALRQSGPRPALRHLAPTGNAPASRGLPTTAQRVQSECPD  
 RLAMDFGGAGAAQQLTDSCQSGGVPTAVPNLAPRAAVAAAAAPRAVAPYKYASSVSRPHPAIQPLQAPQP  
 AVHVQGEPLTASMLAAAPPQEQQMLGERLFPLIQTMHNSNLGKITGMILLEIDNSELLHMLSPESLRS  
 KVDEAVAVLQAHHAKKEAAQKVGTVAAATS

TRTRPLE - GFP Tag - V

**Restriction Sites:**

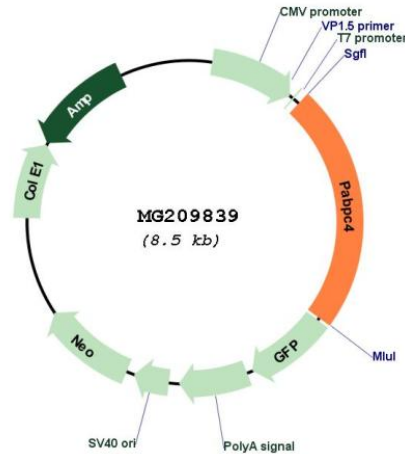
Sgfl-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



## Plasmid Map:



ACCN: BC003283

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:** [BC003283](#), [AAH03283](#)

RefSeq Size: 2254 bp  
RefSeq ORF: 1982 bp  
Locus ID: 230721  
Cytogenetics: 4 D2.2