

## Product datasheet for **MG209432**

### **Pabpc4 (BC010345) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pabpc4 (BC010345) 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)



[View online »](#)

**ORF Nucleotide Sequence:**

>MG209432 representing BC010345  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAACGCTGCAGCCAGCAGCTACCCCATGGCCTCCTTATACGTGGCGATTTGCACTCGGACGTACCCG  
 AAGCCATGCTGTATGAAAAGTTTAGCCCTGCGGGCCTGTGCTGTCCATCCGGTCTGTCGCGATATGAT  
 CACCCGCGCTCTCTGGTTATGCCTACGTCAACTCCAGCAGCCAGCTGACGCTGAGAGGGCCTTGGAC  
 ACCATGAACCTCGACGTGATGAAGGAAAGCCGATCCGCATCATGTGGTCGAGAGGGATCCCTCGTTGA  
 GAAAATCTGGGGTGGGAAATGTCTTCAACAAGAACCTGGACAAATCCATAGACAACAAGGCACTGTATGA  
 CACTTTCTCTGCCTTTGGAAACATCTTGTCTGTAAGGTGGTCTGTGATGAGAACGGCTCTAAGGGCTAT  
 GCTTTTGTTCACCTCGAGACCAAGAGGCCGCCGACAAGGCCATCGAGAAGATGAATGGCATGCTTCTCA  
 ATGACCGTAAAGTGTTCGTGGGTAGATTCAAGTCTCGAAAGAGCGGGAAGCGGAGCTTGGAGCCAAGGC  
 CAAGGAATTCACCAATGTTTATATCAAAAACCTTTGGAGAAGAGGTGGATGATGGGAATCTGAAAGAGCTC  
 TTCAGCCAGTTTGGTAAGACCCTAAGTGTCAAGGTGATGAGAGACTCCAGTGGGAAGTCCAAAGGCTTTG  
 GCTTTGTAAGTTACGAGAAACACGAGGATGCCAATAAGGCTGTGGAAGAAATGAATGGAAGGAAATGAG  
 CGGAAAGCCATATTTGTAGCCGTGCACAGAAAAGGTAGAAAGGCAGGCTGAGCTGAAGCGGAAGTTT  
 GAGCAGCTCAAGCAGGAGAGGATTAGCCGGTACCAGGGGGTGAATCTCTACATTAAGAACTTGGATGACA  
 CCATTGATGATGAGAAATGAGGAGAGAGTTTTCTCCCTTTGGATCAATCACCAGCGCAAGGTGATGCT  
 AGAAGATGGGAGAAGCAAAGGGTTTGGCTTTGTCTGTTTCTCCTCCTGAAGAGCGCACAAAGCTGTC  
 ACCGAGATGAATGGACGATTGTGGCTCCAAGCCTCTGTACGTGCCCCGGCCAGAGGAAGGAAGAGC  
 GGAAGGCTCATCTGACCAACCAAGTACATGCAGCGTGTGGCGGGGATGAGAGCACTCCCTGCCAGTGCCAT  
 CTTAAATCAGTTCAGCCTGCAGCTGGTGGCTATTTTGTGCTGCAGTTCGCGAGGCTCAGGGAAGACCC  
 CCATATTACAGCCTAACCAGTTAGCACAGATGAGGCCTAATCCAGCTGGCAGCAAGGCGGGAGACCTC  
 AAGGCTTCCAAGGAATGCCAAGTGCCCTGCGGCAGTCTGGGCCTCGTCCAGCTCTTCGACATCTGGCTCC  
 AACTGGCGTCCCTACAGCCGTGCCAAACCTTGACCTCGGGCCGAGTTGCTGCCCGCTCCCAGGGCT  
 GTGGCTCCATAACAAGTACGCCTCCAGTGTCCGAGCCACACCCTGCCATCCAGCCGCTGCAGGCCCCCC  
 AGCCTGCAGTCCAGCTCCAGGTCAGGAGCCCCTGACTGCCTCCATGCTTGTGCAGCGCCCCCAGGA  
 GCAGAAGCAGATGCTGGGGAGCGTCTGTTCCCGCTTATCAAACAATGCATTCAAACCTGGCTGGGAAA  
 ATCACCGGGATGCTGCTGAAAATCGAACCTCTGAGCTGCTGCACATGCTGGAGTCCCCGAGTCCCTCC  
 GCTCCAAGGTAGATGAAGCGGTGGCAGTCTGCAGGCTCACCATGCCAAGAAAGAAGCTGCCAGAAAGT  
 GGGCACTGTTGCTGCTGCTACCTCT

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:**

>MG209432 representing BC010345  
 Red=Cloning site Green=Tags(s)

MNAASSYPMASLYVGDHLSDVTEAMLYEKFSAPGPVLSIRVCRDMITRRSLGYAYVNFQQPADAERALD  
 TMNFDVMKGPPIRIMWSQRDPSLRKSGVGNVFIKNDKSIDNKALYDTFSAFGNILSCKVVCDENGSKGY  
 AFVHFETQEAADKAIKMNMGMLNDRKVFVGRFKSRKEREAEELGAKAKEFTNVYIKNFGEEVDDGNLDEL  
 FSQFGKTLVVKVMDSSGKSGKGFVSYEKHEDANKAVEEMNGKEMSGKAI FVGRAQKKVERQAELEKRF  
 EQLKQERISRYQGVNLYIKNLDDTIDDEKLRRREFSPFGSITSAKVMLEDGRSKGFGVCFSSPEEATKAV  
 TEMNGRIVGSKPLYVALAQRKEERKAHLTNQYMQRVAGMRALPASAILNQFQPAAGGYFVPAVPQAQGRP  
 PYYTPNQLAQMRPNRWQQGGRPQGFQGMPSALRQSGRPRALRHLAPTGVPTAVPNLAPRAAVAAAAPRA  
 VAPYKYASSVRSHPAIIQPLQAPQPAVHVQGEPLTASMLAAAPPQEQQMLGERLFLIQTMHNSLAGK  
 ITGMLLEIDNSELLHMLSPESLRSKVDEAVAVLQAHHAKKEAAQKVGTVAAATS

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

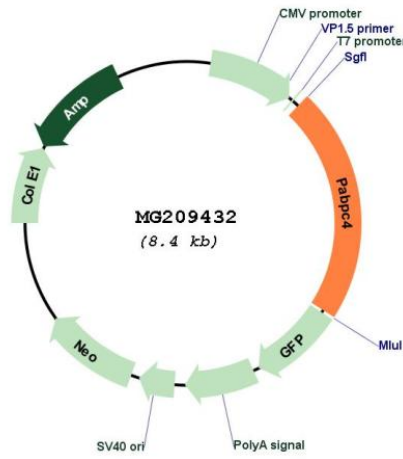
Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: BC010345  
 ORF Size: 1847 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC010345</a> , <a href="#">AAH10345</a>
<b>RefSeq Size:</b>	2513 bp
<b>RefSeq ORF:</b>	1847 bp
<b>Locus ID:</b>	230721
<b>Cytogenetics:</b>	4 D2.2