

## Product datasheet for **MR209839**

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

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pabpc4 (BC003283) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pabpc4
Synonyms:	MGC6685, MGC11665
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide  
Sequence:**

>MR209839 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAATGCTGCAGCCAGCAGCTACCCCATGGCCTCCTTATACGTGGCGATTTGCACTCGGACGTACCCG  
 AAGCCATGCTGTATGAAAAGTTTAGCCCTGCGGGCCTGTGCTGTCCATCCGGGTCTGTCGCGATATGAT  
 CACCCGCGCTCTCTGGTTATGCCACGTCAACTTTCAGCAGCCAGCTGACGCTGAGAGGGCCTTGGAC  
 ACCATGAACCTCGACGTGATGAAGGAAAGCCGATCCGCATCATGTGGTCGAGAGGGATCCCTCGTTGA  
 GAAAATCTGGGGTTGGGAATGTCTTCAACAAGACCTGGACAAATCCATAGACAACAAGGCACTGTATGA  
 CACTTTCTCTGCCTTTGGAAACATCTTGTCTGTAAGGTGGTCTGTGATGAGAACGGCTCTAAGGGCTAT  
 GCTTTTGTTCACTTCGAGACCAAGAGGCCGCCGACAAGGCCATCGAGAAGATGAATGGCATGCTTCTCA  
 ATGACCGTAAAGTGTTCGTGGGTAGATTCAAGTCTCGAAAGAGCGGGAAGCGGAGCTTGGAGCCAAGGC  
 CAAGGAATTCACCAATGTTTATATCAAAAACCTTGGAGAAGAGGTGGATGATGGGAATCTGAAAGAGCTC  
 TTCAGCCAGTTTGGTAAGACCCTAAGTGTCAAGGTGATGAGAGACTCCAGTGGGAAGTCCAAAGGCTTTG  
 GCTTTGTAAGTTACGAGAAACACGAGGATGCCAATAAGGCTGTGGAAGAAATGAATGGAAGGAAATGAG  
 CGGAAAGCCATATTTGTAGGCCGTGCACAGAAAAGGTAGAAAGGCAGGCTGAGCTAAAGCGGAAGTTT  
 GAGCAGCTCAAGCAGGAGAGGATTAGCCGGTACCAGGGGGTGAATCTCTACATTAAGAAGTGGATGACA  
 CCATTGATGATGAGAAATTAAGGAAAGAGTTTTCTCCCTTTGGATCAATCACCAGTGCAGGATGATGCT  
 AGAAGATGGGAGAAGCAAAGGGTTTGGCTTTGTCTGTTTCTCCTCCTGAAGAGCGCACAAAGCTGTC  
 ACCGAGATGAATGGACGATTGTGGGCTCCAAGCCTCTGTACGTGCCCCGGCCAGAGGAAGGAAGAGC  
 GGAAGGCTCACCTGACTAACCAAGTACATGCAGCGTGTGGCGGGGATGAGAGCACTCCCTGCCAGTGCCAT  
 CTTAAATCAGTTCCAGCCTGCAGCTGGTGGCTATTTTGTGCTGCAGTTCGCGAGGCTCAGGGAAGACCC  
 CCATATTACAGCCTAACCAAGTTAGCACAGATGAGGCCTAATCCAGCTGGCAGCAAGGCGGAGACCTC  
 AAGGCTTCCAAGGAATGCCAAGTGCCCTGCGGCAGTCTGGCCTCGTCCAGCTCTTCGACATCTGGCTCC  
 AACTGGTAATGCTCCGGCCTCTCGTGGCCTTCTACTACTGCTCAGAGAGTCGGGTCTGAGTGCCCGGAC  
 CGCTTGGCTATGGACTTTGGTGGGGCTGGTGCCGCCAGCAAGGGCTGACTGACAGCTGCCAGTCTGGAG  
 GCGTCCCTACAGCCGTGCCAACCTTGACCTCGGGCCGAGTTGCTGCCGCCGCTCCAGGGCTGTGGC  
 TCCATACAAGTACGCTCCAGTGTCCGAGCCACACCCTGCCATCCAGCCGCTGCAGGCCCCCCAGCCT  
 GCAGTCCAGTCCAGGGTCAGGAGCCCCTGACTGCCTCCATGCTTGTGTCAGCGCCCCCTCAGGAGCAGA  
 AGCAGATGCTGGGGAGGCTCTGTTCCCGCTTATCCAAACAATGCATTCAAACCTGGCTGGGAAAATCAC  
 CGGGATGCTGCTGGAATCGACAACCTGAGCTGCTGCACATGCTGGAGTCCCCCGAGTCCCTCCGCTCC  
 AAGGTAGATGAAGCGGTGGCAGTCTGCAGGCTCACCATGCCAAGAAAGAAGCTGCCAGAAGGTGGGCA  
 CTGTTGCTGCTGCTACCTCT

**ACGCGT**ACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR209839 protein sequence  
Red=Cloning site Green=Tags(s)

MNAAASSYPMASLYVGDHSDVTEAMLYEKFSAPGPVLSIRVCRDMITRRSLGYAYVNFQQPADAERALD  
 TMNFDVMKGPPIRIMWSQRDPSLRKSGVGNVFIKNLDKSIDNKALYDTFSAFGNILSCKVVDENGSKGY  
 AFVHFETQEAADKAIEKMNGMLLNDRKVFVGRFKSRKEREAEELGAKAKEFTNVYIKNFGEVDDGNLKEF  
 FSQFGKTL SVKVMRDSSGKSKGFGFVSYEKHEDANKAVEEMNGKEMSGKAIFVGRAQKKVERQAELEKRF  
 EQLKQERISRYQGVNLYIKNLDDTIDDEKLRKEFSPFGSITSAKVMEEDGRSKGFGVCFSSPEEATKAV  
 TEMNGRIVGSKPLYVALAQRKEERKAHLTNQYMQRVAGMRALPASAILNQFQPAAGGYFVPAVPQAQGRP  
 PYYTPNQLAQMPPNPRWQQGGRPQGFQGMPSALRQSGPRPALRHLAPTGNAPASRGLPTTAQRVQSECPD  
 RLAMDFGGAGAAQQGLTDSCQSGGVPTAVPNLAPRAAVAAAAPRAVAPYKYASSVSRPHPAIQPLQAPQP  
 AVHVQGEPLTASMLAAAPPQEQKQMLGERLFPLIQTMHNSLAGKITGMILLEIDNSELLHMLESPESLRS  
 KVDEAVAVLQAHHAKKEAAQKVGTVAAATS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**ACCN:** BC003283

**ORF Size:** 1980 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

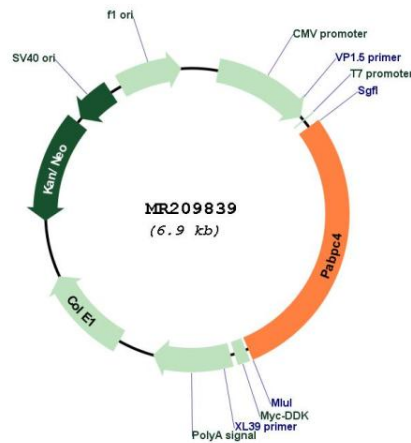
**RefSeq ORF:** 1982 bp

**Locus ID:** 230721

**Cytogenetics:** 4 D2.2

**MW:** 72.2 kDa

**Product images:**



Circular map for MR209839