

## Product datasheet for **MR209432**

### **Pabpc4 (NM\_148917) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pabpc4 (NM_148917) 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:**

>MR209432 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAACGCTGCAGCCAGCAGCTACCCCATGGCCTCCTTATACGTGGGCGATTTGCACTCGGACGTACCCG  
 AAGCCATGCTGTATGAAAAGTTTAGCCCTGCGGGCCTGTGCTGTCCATCCGGTCTGTCGCGATATGAT  
 CACCCGCGCTCTCTGGTTATGCCTACGTCAACTCCAGCAGCCAGCTGACGCTGAGAGGGCCTTGGAC  
 ACCATGAACCTCGACGTGATGAAGGAAAGCCGATCCGCATCATGTGGTCGAGAGGGATCCCTCGTTGA  
 GAAAATCTGGGGTGGGAAATGTCTTCAACAAGAACCTGGACAAATCCATAGACAACAAGGCACTGTATGA  
 CACTTTCTCTGCCTTTGGAAACATCTTGTCTGTAAGGTGGTCTGTGATGAGAACGGCTCTAAGGGCTAT  
 GCTTTTGTTCACTTCGAGACCAAGAGGCCGCCGACAAGGCCATCGAGAAGATGAATGGCATGCTTCTCA  
 ATGACCGTAAAGTGTTCGTGGGTAGATTCAAGTCTCGAAAGAGCGGGAAGCGGAGCTTGGAGCCAAGGC  
 CAAGGAATTCACCAATGTTTATATCAAAAACCTTTGGAGAAGAGGTGGATGATGGGAATCTGAAAGAGCTC  
 TTCAGCCAGTTTGGTAAGACCCTAAGTGTCAAGGTGATGAGAGACTCCAGTGGGAAGTCCAAAGGCTTTG  
 GCTTTGTAAGTTACGAGAAACACGAGGATGCCAATAAGGCTGTGGAAGAAATGAATGGAAGGAAATGAG  
 CGGAAAGCCATATTTGTAGGCCGTGCACAGAAAAGGTAGAAAGGCAGGCTGAGCTGAAGCGGAAGTTT  
 GAGCAGCTCAAGCAGGAGAGGATTAGCCGGTACCAGGGGGTGAATCTCTACATTAAGAACTTGGATGACA  
 CCATTGATGATGAGAAATGAGGAGAGAGTTTTCTCCCTTTGGATCAATCACCAGCGCGAAGGTGATGCT  
 AGAAGATGGGAGAAGCAAAGGGTTTGGCTTTGTCTGTTTCTCCTCCTGAAGAGCGCACAAAGCTGTC  
 ACCGAGATGAATGGACGATTGTGGCTCCAAGCCTGTACGTGCGCCCTGGCCAGAGGAAGGAAGAGC  
 GGAAGGCTCATCTGACCAACCAGTACATGCAGCGTGTGGCGGGGATGAGAGCACTCCCTGCCAGTGCCAT  
 CTTAAATCAGTTCAGCCTGCAGCTGGTGGCTATTTTGTCCCTGCAGTTCGCGAGGCTCAGGGAAGACCC  
 CCATATTACAGCCTAACCAGTTAGCACAGATGAGGCCTAATCCAGCTGGCAGCAAGGCGGGAGACCTC  
 AAGGCTTCCAAGGAATGCCAAGTGCCCTGCGGCAGTCTGGGCCTCGTCCAGCTCTTCGACATCTGGCTCC  
 AACTGGCGTCCCTACAGCCGTGCCAAACCTTGCACCTCGGGCCGAGTTGCTGCCGCCGCTCCCAGGGCT  
 GTGGCTCCATAACAAGTACGCCTCCAGTGTCCGAGCCACACCCTGCCATCCAGCCGCTGCAGGCCCCCC  
 AGCCTGCAGTCCAGCTCCAGGTCAGGAGCCCCTGACTGCCTCCATGCTTGTGCAGCGCCCCCAGGA  
 GCAGAAGCAGATGCTGGGGGAGCGTCTGTTCCCGCTTATCAAACAATGCATTCAAACCTGGCTGGGAAA  
 ATCACCGGGATGCTGCTGGAATCGAACCTCTGAGCTGCTGCACATGCTGGAGTCCCCGAGTCCCTCC  
 GCTCCAAGGTAGATGAAGCGGTGGCAGTCTGCAGGCTACCATGCCAAGAAAGAAGCTGCCCAGAAGGT  
 GGGCACTGTTGCTGCTGCTACCTCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR209432 protein sequence  
 Red=Cloning site Green=Tags(s)

MNAASSYPMASLYVGDHLSDVTEAMLYEKFSAPGPVLSIRVCRDMITRRSLGYAYVNFQQPADAERALD  
 TMNFDVMKGKPIRIMWSQRDPSLRKSGVGNVFIKNLDKSIDNKALYDTFSAFGNILSCKVVCDENGSKGY  
 AFVHFETQEAADKAIKMNGLLNDRKVFVGRFKSRKEREAEELGAKAKEFTNVYIKNFGEVDDGNLDEL  
 FSQFGKTLVSVKVMRDSSGKSKGFGFVSEYKHEDANKAVEEMNGKEMSGKAI FVGRAQKKVERQAELEKRF  
 EQLKQERISRYQGVNLYIKNLDDTIDDEKL RREFSPFGSITSAKVMLEDRSKGFGFVCFSSPEEATKAV  
 TEMNGRIVGSKPLYVALAQRKEERKAHLTNQYMQRVAGMRALPASAILNQFQPAAGGYFVPAVPQAQGRP  
 PYYTPNQLAQMRPNRWQQGGRPQGFQGMPSALRQSGPRPALRHLAPTAVPNLAPRAAVAAAAPRA  
 VAPYKYASSVRSHPAIIQPLQAPQPAVHVQGEPLTASMLAAAPPQEQLGERLFLPLIQTMHNSLAGK  
 ITGMLLEIDNSELLHMLESPESLRSKVDEAVAVLQAHHAKKEAAQKVGTVAAATS

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_148917

**ORF Size:** 1848 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:** [NM\\_148917.3](#)

**RefSeq Size:** 2500 bp

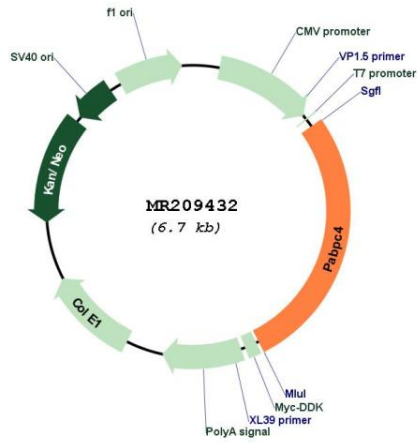
**RefSeq ORF:** 1848 bp

**Locus ID:** 230721

**Cytogenetics:** 4 D2.2

MW: 67.9 kDa

Product images:



Circular map for MR209432