

Product datasheet for **RN211330**

Pabpc4 (NM_001100538) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pabpc4 (NM_001100538) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pabpc4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211330 representing NM_001100538
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACGCTGCGCCAGCAGCTACCCCATGGCCTCCTTATACGTGGCGATCTGCACTCCGATGTCACCG
 AAGCCATGCTGTATGAAAAGTTCAGCCCTGCGGGCCTGTGCTGTCCATCCGGTCTGCCGCGATATGAT
 CACCCGCCGCTCTCTGGTTATGCCTACGTCAACTCCAGCAGCCAGCTGACGCTGAGAGGGCCTTGAC
 ACCATGAACCTTTGATGTGATTAAGGGGAAGCCAATCCGGATCATGTGGTCTCAGAGGGACCCCTCTTTGA
 GGAAGTCTGGTGTGGAAATGTCTTCAACAAGACCTGGACAAGTCTATAGACAACAAGGCACTGTATGA
 CACTTTCTCTGCCTTCGAAACATCCTGTCTGTAAGGTGGTCTGTGATGAGAACGGCTCTAAGGGTTAT
 GCCTTTGTCCACTTCGAGACCAAGAGGCTGCCAACAAGCCATCGAGAAGATGAATGGCATGCTCTCA
 ATGACCGCAAAGTGTTCGTGGGAGATTCAAGTCTCGAAAGAGCGGGAAGCCGAGCTTGAGCCAAGGC
 CAAGGAATTCACCAATGTTTATATCAAAAACCTTTGGAGAAGAGGTGGATGATGAGAATCTGAGGGAGCTA
 TTCAGCCAGTTTGGTAAGACCTAAGTGTCAAGGTGATGAGAGACTGCAGTGGGAAGTCCAAAGGCTTCG
 GCTTCGTGAGCTATGAGAAACATGAGGATGCCAATAAGGCTGTGGAAGAAATGAATGGAAAAGAAATGAG
 TGGAAATCCATATTTGTAGGCCGTGCTCAGAAAAAGTAGAACGTCAGGCGGAGTTAAAACGGAATTC
 GAACAGCTGAAGCAGGAGAGGATTAGTCGGTACCAGGGAGTGAATCTCTACATTAAGAACTTGGATGACA
 CCATTGACGATGAGAAGTTAAGGAAAGATTCTCACCCCTTGGATCAATCACCAGTGCAGGATGATGCT
 GGAAGACGGGAGAAGCAAAGGGTTTGGCTTTGTCTGTTTCTCCTCTCCTGAAGAGGCAACCAAAGCGGT
 ACGGAGATGAACGGACGATTGTGGCTCCAAGCCTGTACGTCGCCCTGGCCAGAGGAAGGAGGAGC
 GGAAGGCTCACCTGACTAACCAGTATATGCAGCGTGTGGCAGGAATGAGAGCGCTCCCTGCCAACGCCAT
 CTTAAATCAGTTCCAGCCTGCAGCTGGTGGCTACTTTGTGCCGAGTGCCACAGGCCAGGGAAGACCT
 CCATATTACACACCTAATCAATTAGCGCAAATGAGGCCTAATCCACGCTGGCAGCAAGGCGGAGACCTC
 AAGGCTTCCAAGGAATGCCAAGTGCCTGCGGCAATCTGGCCTCGTCCAGCTCTTCGGCATCTGGCTCC
 AACTGGTCTGAGTGCCCGACCGCTTGGCTATGGACTTTGGTGGGGCTGGTCCCGCCAGCAAGGGCTG
 ACTGACAGCTGCCAGTCTGGAGGCTCCCTACGGCTGTGCCAACCTTGACCTCGTGTACAGTCGCTG
 CTGCTGCTCCAGGGCTGTGGCTCCATAACAAGTATGCCTCCAATGTCCGAGCCCTACCCTGCCATTCA
 GCCGCTGCAGGCCCCAGCCTGCAGTCCATGTCCAGGGTCAAGAACCCTGACTGCCTCCATGCTGGCT
 GCAGCTCTCCAGGAGCAGAAGCAGATGCTGGGGAGCGTTTGTCCACTTATCAAACAATGCATT
 CAAACCTGGCTGAAAAATTACAGGGATGCTGCTAGAAATCGACAACCTGAGCTGCTCCACATGCTGGA
 GTCCCGGAGTCCCTCCGTTCCAAGGTGGATGAAGCTGTGGCAGTCTGCAGGCTCATCATGCCAAGAAA
 GAAGCTGCCAGAAAGTGGGCACTGTTGCTGCTGCTACCTCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001100538
- Insert Size:** 1935 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- 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_001100538.1](#), [NP_001094008.1](#)

RefSeq Size: 2611 bp

RefSeq ORF: 1935 bp

Locus ID: 298510

Cytogenetics: 5q36