

Product datasheet for **RR211330**

Pabpc4 (NM_001100538) Rat Tagged ORF Clone

Product data:

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



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ORF Nucleotide Sequence:

>RR211330 representing NM_001100538
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAACGCTGCGGCCAGCAGCTACCCCATGGCCTCCTTATACGTGGCGATCTGCACTCCGATGTCACCG
 AAGCCATGCTGTATGAAAAGTTCAGCCCTGCGGGCCTGTGCTGTCCATCCGGGTCTGCCGCGATATGAT
 CACCCGCCGCTCTCTGGTTATGCCTACGTCAACTTCCAGCAGCCAGCTGACGCTGAGAGGGCCTTGGAC
 ACCATGAACCTTTGATGTGATTAAGGGGAAGCCAATCCGGATCATGTGGTCTCAGAGGGACCCCTCTTTGA
 GGAAGTCTGGTGTGGAAATGTCTTCAACAAGACCTGGACAAGTCTATAGACAACAAGGCACTGTATGA
 CACTTTCTCTGCCTTCGAAACATCCTGTCTGTAAGGTGGTCTGTGATGAGAACGGCTCTAAGGGTTAT
 GCCTTTGTCCACTTCGAGACCAAGAGGCTGCCAACAAGGCCATCGAGAAGATGAATGGCATGCTCCTCA
 ATGACCGCAAAGTGTTCGTGGGCAGATTCAAGTCTCGAAAGAGCGGGAAGCCGAGCTTGGAGCCAAGGC
 CAAGGAATTCACCAATGTTTATATCAAAAACCTTTGGAGAAGAGGTGGATGATGAGAATCTGAGGGAGCTA
 TTCAGCCAGTTTGGTAAGACCTTAAGTGTCAAGGTGATGAGAGACTGCAGTGGGAAGTCCAAAGGCTTCG
 GCTTCGTGAGCTATGAGAAACATGAGGATGCCAATAAGGCTGTGGAAGAAATGAATGGAAAAGAAATGAG
 TGGGAAATCCATATTTGTAGGCCGTGCTCAGAAAAAGTAGAACGTCAGGCGGAGTTAAAACGGAATTC
 GAACAGCTGAAGCAGGAGAGGATTAGTCGGTACCAGGGAGTGAATCTCTACATTAAGAACTTGGATGACA
 CCATTGACGATGAGAAGTTAAGGAAAGATTCTCACCCCTTGGATCAATCACCAGTGCGAAGGTGATGCT
 GGAAGACGGGAGAAGCAAAGGGTTTGGCTTTGTCTGTTTCTCCTCCTGAAGAGGCAACCAAAGCGGTC
 ACGGAGATGAACGGACGCATTGTGGCTCCAAGCCTCTGTACGTCGCCCTGGCCCAGAGGAAGGAGGAGC
 GGAAGGCTCACCTGACTAACCAGTATATGCAGCGTGTGGCAGGAATGAGAGCGCTCCCTGCCAACGCCAT
 CTTAAATCAGTTCAGCCTGCAGCTGGTGGCTACTTTGTGCCGGCAGTGCCACAGGCCAGGGAAGACCT
 CCATATTACACACCTAATCAATTAGCGCAAATGAGGCCTAATCCACGCTGGCAGCAAGGCGGAGACCTC
 AAGGCTTCCAAGGAATGCCAAGTGCCTGCGGCAATCTGGCCTCGTCCAGCTCTTCGGCATCTGGCTCC
 AACTGGGTCTGAGTGCCCGGACCGCTTGGCTATGGACTTTGGTGGGGCTGGTGCCGCCAGCAAGGGCTG
 ACTGACAGCTGCCAGTCTGGAGGCGTCCCTACGGCTGTGCCAACCTTGACCTCGTGTACAGTCGCTG
 CTGCTGCTCCAGGGCTGTGGCTCCATAACAAGTATGCCTCCAATGTCCGAGCCCTACCCTGCCATTCA
 GCCGCTGCAGGCCCCAGCCTGCAGTCCATGTCCAGGGTCAAGAACCCTGACTGCCTCCATGCTGGCT
 GCAGCTCCTCCCAGGAGCAGAAGCAGATGCTGGGGAGCGTTTGTCCCACTTATCCAACAATGCATT
 CAAACCTGGCTGAAAAATTACAGGGATGCTGCTAGAAATCGACAACCTGAGCTGCTCCACATGCTGGA
 GTCCCCGAGTCCCTCCGTTCCAAGGTGGATGAAGCTGTGGCAGTCTGCAGGCTCATCATGCCAAGAAA
 GAAGCTGCCCAGAAGGTGGGCACTGTTGCTGCTGCTACCTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR211330 representing NM_001100538
Red=Cloning site Green=Tags(s)

MNAAASSYPMASLYVGDHLHSDVTEAMLYEKFSPAGPVLIRVCRDMITRRSLGYAYVNFQQPADAERALD
 TMNFDVIKGPPIRIMWSQRDPSLRKSGVGNVFIKNLDKSIDNKALYDTFSAFGNILSCKVVDENGSKGY
 AFVHFETQEAANKAIEKMNGMLLNDRKVFVGRFKSRKEREAEELGAKAKEFTNVYIKNFGEVDDENLREL
 FSQFGKTL SVKVMRDCSGKSKGFGFVSYEKHEDANKAVEEMNGKEMSGKSI FVGRAQKKVERQAELEKRF
 EQLKQERISRYQGVNLYIKNLDDTIDDEKL RKEFSPFGSITSAKVMELEDRSKGFGFVCFSSPEEATKAV
 TEMNGRIVGSKPLYVALAQRKEERKAHLTNQYMQRVAGMRALPANAILNQFPAAAGGYFVPAVPQAQGRP
 PYYTPNQLAQMRPNRWQQGGRPQGFQGMPSALRQSGPRPALRHLAPTGSECPDRLAMDFFGAGAAQQGL
 TDSCQSGGVPTAVPNLAPRATVAAAAPRAVAPYKYASNVRSPHPAIQPLQAPQPAVHVQGEPLTASMLA
 AAPPQEQKQMLGERLFPLIQTMHNSNLGKITGMILLEIDNSELLHMLESPESLSKVD EAVAVLQAHHAKK
 EAAQKVGTVAAATS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001100538

ORF Size: 1932 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_001100538.1](#), [NP_001094008.1](#)

RefSeq Size: 2611 bp

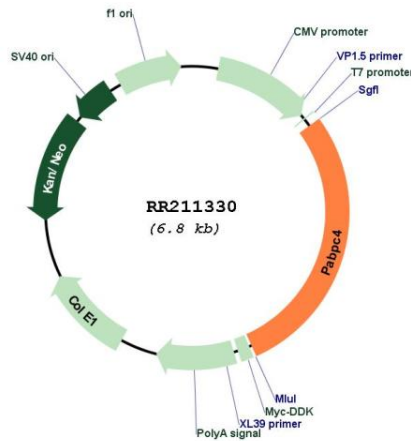
RefSeq ORF: 1935 bp

Locus ID: 298510

Cytogenetics: 5q36

MW: 70.8 kDa

Product images:



Circular map for RR211330