

Product datasheet for **RN207556**

Pabpc1 (NM_134353) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pabpc1 (NM_134353) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pabpc1
Synonyms:	Pabp; PABP 1; Pabp1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207556 representing NM_134353
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAACCCAGCGCCCCAGCTACCCCATGGCCTCTCTGTACGTGGGGACCTGCACCCCGACGTGACCG
 AGGCGATGCTCTACGAGAAGTTCAGCCCGGCCGGCCATCCTCTCCATCCGGGTCTGCAGGGACATGAT
 CACCCGCCGCTCCTTGGGCTACGCTACGTGAACCTCCAGCAGCCGGCGACCGGAACGTGCTTTGGAC
 ACCATGAATTTTGATGTTATAAAGGGCAAGCCAGTACGCATCATGTGGTCTCAGCGTGATCCATCACTTC
 GTAAAAGTGGAGTAGGCAACATATTCATTAATAAATTTGGACAAATCCATTGACAAATAAGCACTGTATGA
 TACGTTTTCTGCGTTTGGTAACATCCTTTCATGTAAGGTGTTTGTGATGAAAATGGCTCCAAGGGCTAT
 GGATTTGTACATTTTGAACACAGGAAGCAGCTGAAAGAGCTATTGAAAAATGAATGGAATGCTTCTAA
 ATGATCGTAAAGTGTGTTGGTCGATTTAAATCTCGGAAGGAACGAGAAGCAGAACTTGGAGCAAGGGC
 AAAGGAGTTCACCAATGTTTACATCAAGAACTTTGGAGAAGACATGGATGATGAGCGTCTTAAGGAACTC
 TTTGGCAAGTTTGGGCCCTGCCTTAAGTGTGAAAGTAATGACAGATGAAAGTGGAAAAATCCAAAGGATTTG
 GATTTGTAAGCTTTGAAAGGCATGAAGATGCGCAGAAAGCTGTGGATGAGATGAATGGGAAGGAGCTCAA
 TGGAAAACAGATTTATGTTGGTCGAGCTCAGAAAAAGTGAACGGCAGACGGAACCTTAAGCGCAATTT
 GAGCAGATGAAGCAAGACAGGATCACCAGATATCAGGGTGTAAACCTTTATGTGAAAAATCTTGATGACG
 GAATTGATGATGAGCGTCTCCGGAAAGAGTTTTCTCCATTTGGTACAATCACTAGTGCAAAAAGTAATGAT
 GGAGGGTGGGCGCAGCAAAGGATTTGGTTTTGTATGTTTCTCCTCCCTGAAGAAGCCACTAAAGCAGTT
 ACGGAGATGAATGGTAGAATTGTGGCCACCAAGCCACTCTATGTAGCTTTAGCTCAGCGCAAAGAAGAGC
 GCCAGGCTCACCTCACTAACAGTATATGCAGAGGATGGCAAGTGTACGAGCTGTGCCAATCCTGTGAT
 CAACCCCTACCAGCCAGCACCTCCTTCAGGTTACTTCATGGCAGCTATCCACAGACTCAGAACCGTGCT
 GCATACTATCCTCCTAGCCAAATTTGCTCAACTAAGACCAAGTCCTCGCTGGACTGCTCAGGGTGCCAGAC
 CTCATCCATTCCAGAATATGCCCGGTGCTATCCGCCAGCTGCTCCTAGACCACCATTTAGTACGATGAG
 ACCAGTTCCTCACAGTTCCACGAGTCATGTCAACACAGCGTGTGCTAACACATCAACACAGACAATG
 GGTCCACGTCTGCGACTGCTACTGACGCCACTCCTGCTGTCCGCACTGTTCCCCAGTATAAATACG
 CTGCGGGAGTCCGCAATCCCAAGCAACATCTTAATGCACAGCCACAAGTTACCATGCAACAGCCTGCGGT
 TCATGTGCAAGGTCAAGAACCTTAACTGCTTCCATGTTGGCATCTGCACCCCGCAAGAGCAAAAAGCAA
 ATGTTGGGTGAACGGCTGTTTCTCTTATTCAAGCCATGCACCCTTCTCTTGCTGGCAAAATTAAGTGGCA
 TGCTGTTGGAGATTGATAACTCAGAATTGCTTCACATGCTTGAGTCTCCAGAGTCTCTCCGCTCAAAGGT
 CGATGAAGCTGTAGCTGTACTACAAGCCACCAAGCGAAAGAGGCTGCCAGAAAGCAGTGAACAGTGCC
 ACTGGTGTCCAAGTGT**CAA**

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_134353
- Insert Size:** 1911 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_134353.3](#), [NP_599180.1](#)

RefSeq Size: 2190 bp

RefSeq ORF: 1911 bp

Locus ID: 171350

UniProt ID: [Q9EPH8](#)

Cytogenetics: 7q22

Gene Summary: binds with high affinity to poly(A) tails of mRNAs and may be involved in mRNA stabilization and stimulation of translational initiation [RGD, Feb 2006]