

Product datasheet for **RN207534**

Pknox1 (NM_001013074) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pknox1 (NM_001013074) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pknox1
Synonyms:	MGC109503
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207534 representing NM_001013074
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGGCTACACAGACGCTAAGTATAGACAGCTATCAAGATGGACAACAAATGCAGGTGGTCACTGAGT
 TGA AACAGAGCAGGATCCCAACTGCTCTGACCCGGATGCAGAAGGAGTGAGTCCTCCTCCATCGAGTC
 TCAGACCCCGATGGATGCCGACAAGCAGGCCATTTATAGGCACCCGCTATTTCCATTGCTAGCTTTGCTG
 TTTGAGAAATGTGAGCAGTCCACACAGGGATCAGAAGGCACGACGTCGCCAGCTTCGATGTGGACATTG
 AGAACTTTGTCAGGAAGCAAGAAAAGGACGGGAAGCCCTTCTTCTGTGAAGATCCGGAACAGACA ACTT
 AATGGTAAAGCAATCCAGGTCCTGCGTATTCATCTTCTTGAAGTGGAGAAGGTGAACGAGCTCTGTAAA
 GACTTCTGTAGTCGGTACATTGCCTGTCTGAAGACAAAAATGAACAGCGAGACCCCTGCTGAGTGGGGAGC
 CTGGAAGTCCGTA CTCCCAGTGCAGTCCAGCAGATTCAAAGCGCCATCACAGGCACTCTAGCCCCCA
 GGAATCGTGGTCCAGCATCAGCCCTGCAACAGGGGAATGTAACCATGGCAACAGTGGCAGGTGGCACA
 GTGTACAGCCTGTCACCGTCGTCCTCCACAAGGCCAAGTGGTACGCAGGCATTATCTCTGGGACAA
 TTAGGATCCAGA ACTCGCAGCTTCAATTGCAGTTGAACAGGATCTCAGCATCTTGCATCAAGAGGACGG
 CTCCTCCAAGAACAAGAGGGGCGTCTGCCGAAGCACGCCAACGATGCGTTCTGGCTCTCCAG
 CACATAGGGCATCCCTACCCACCGAGGATGAGAAGAAGCAGATTGCTGCTCAGACAACTTGACTGCT
 TTCAAGTCAACA ACTGGTTCATCAATGCCCGAAGACGGATTCTCCAGCCAATGTTGGATTCCAGCTGTT
 AGAGACTCCAAAAACAAGAAAAAGCCTGCTCAGAACAGGCCAGTTCAGAGGTTTTGGCCGGATTCTCTT
 GCATCAGGAGTGGCACAAGCAACACCCGGAGAGCTCGCCATGTCGGAAGGTGCCGTTGTGACCATCACCA
 CACCTGTAACATGAATGTGGACAGCCTTCAGTCCCTGTCTCAGACGGGGCCACCCTGGCGGTACAGCA
 GGTCATGATGGCCGGGCAGAGTGAGGACGAGTCCGGTGGATAGCACAGAAGATGAGGGTGGCCCTGGCA
 CCCACACACATCAGCGGGCTGGTCTGGAGAACAGCGACTCCCTTCAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001013074
- Insert Size:** 1311 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_001013074.1](#), [NP_001013092.1](#)

RefSeq Size: 1585 bp
RefSeq ORF: 1311 bp
Locus ID: 294322
Cytogenetics: 20p12