

## Product datasheet for **MC223830**

### Pcnx4 (NM\_026327) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pcnx4 (NM\_026327) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Pcnx4  
**Synonyms:** 1810048J11Rik; 4932413O10; AU017192; Pcnxl4  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC223830 representing NM\_026327  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGAAGTATGAGTTCAGATGTCCTCTGCTAAATGATTACAAACAGGACTTCCTGCTGAAGCGCTTTC  
 CACAGACTGTTCTTGGAGGCCCTCGACTCAAACCTAGGCTACTGTGCCCTCCTTACATATATGTTAATCA  
 GATTGTCCTTTCTGATGCCATGGCCCTTAGGTGGAACGGGAACGCTTCTATACCAACTGGATATCCTG  
 AGAGACTATACTGCAGCCGCGCTTTCAGGAGGACTAATGGTGTTCACTGCGGCTGTATCCAGCTCATAA  
 GCGTGTACGCCAGGAGCAAGTCGGTGGTGGTCAGGAGGATGCGAACCCAGGGATATCTTAGCAGAGGAAGA  
 CCAGCACGAATTTACAAGTTGTGCTGGTGTGAGACCGTCAAATTTCTGATTCTGGCAAAAAATATGTA  
 GCCAATACAGTTTTTCACTGTTCTTGTGGGCTAGTGTGTGGTCTTGGAAACATGGTATTTGCTCCCAA  
 ACCGAGTAACCTTGTGTATGGCAGCCCTGGGGCGACTGCTGTGCTCTTTGTGTTGGGTGGATAACACT  
 TTGCATAGGAGAATACTCACTCATTGTAACACCGCCACAGAGACAGCAACATCCAGACCCAGGATACT  
 TACGAAATCACTCCTCTCATGAGACCCTTTATATTTTTCTTTGTTTCTGTGGACCTGCACACAGGT  
 TTATTGTAATATCCAGCTCTAGAGCAAATGAATCAGATTTTGCACATCTTGTTGTACTGCCCTT  
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 TTTGGTCTTGGGGTTTCCATGTCCACTCACCTACGTTATTGGTCATGTTTCATCGTTTCTGCTGGAG  
 CAGCAGTCGTGCTGACTTCATCCAGACCGTCGGAGTGGTCTTTCATGACTGGACTCGGGTCTT  
 ACTGAGTCTTAACCCAAGTGACGTGAGCATGGTCTTCCGGTACGGTGTGACCAGGCACAGGGTAGGAAGC  
 AGTCATGAGGCTCGCCAGGCAATTCAGGCCATTGGTTCCTGGAAGGAGTGCTTTCTGTTTCATCGCTG  
 TGCTGGGCATGGCTCTCCTGGAGGCTGGGCTGCTGCATCACTATGTCAGCGTCCCACAGGCTCCAGAAG  
 CGGCGCTCAGGCTGTCGTGGGCTATGTCCTGATGGTGTACTTTCAATAGTGTGGATACTGAGAGAACT  
 CAAAGCATCTACATCTTTGGGATTTCCGAAACCTTTCTATCCGAAGGATATACACGCTGTGTCTGTAT  
 TCTATGACAAGCAAAACAAGCTCCTGAAGATTGGTGTGTCAGATGGATTTTGCTAACTCTAGTGTCCCC  
 TTTGGCAATGGTGGCCTTCTTGCCTGGACAGCTCCTTACACGGGCTCCACTCTGTGTCTGTCTCCATT  
 GGATTCACCAGGGCTTTCAGAATGGTGTGGCAGAATACAGAACTGCTTTACTGGAGACTGTGGTGTAT



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CAGCAGTGCACATGGTGTCCAGCACAGACTGCTGGTGGAACAGGAGCCTTGATACAGGAATCAGGCTGTT  
 ATTGATCGGTATCATGCGAGACCGTTTGTTCAGTTTCATCACTAAGTTGCAGTTTGTGTGACTGTACTT  
 TTGGCATTGTGGACAGAAAAAACAGCATAGGAAAAACAACGACTTTGTGTGCTCCTCAACACTGTAT  
 TCGCTCCCTTCGTGCTGGGTATTATAGTTCTTTCAACACTACTGTCATCTCCTCTACTGCCCTCTTAC  
 ACTTCTGTTTTCTTGGTGGGTTTTCTCGTCCAGTTCAGAGCTGGCCAGGAGCAGTGGGCACTGCAGCC  
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 GATCTTATTAAGTACTTGTGTGGTGTCTATTGAGTGTCTAAAAGGCCAGCAGCGAGGAGAATA  
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 CCTGGAAGACTCTGAAAGTGCAATTCAGACTGGTCTGATGGTAGTATTTTTGATGATGAACCAGCTATC  
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 ATTCTCAGAATCCAGATGACCATTCTGCAGGCACAGGTCCAAAAATGATCTTTACAGGACGGTTATATT  
 GGGACTCCCTGCTGTTGACAAGGACAGCGAGAAGATGTGGCATATATTCCTCTCGTGGAGTTTAGTTGT  
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 AGATGAGCGCCTTGTTTTCCAGAAGACTGGTACCAATTTGTTTTAAGGCAATTAGAATGCTTTCACTCGGA  
 AGAGAAGTACGTTCTAGAGGAAATGCAAAGGATAAAGCTTTAAAGACTTGTATGTCCATACAGTG  
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 ACAATGGTGGCTTACCCTGGGCTGGCACCTTGGATTGGCTCTCAGAAAAACCAGAGCTGTTCCACCTAGT  
 TCGGAAAGCATTACAGTATACACTGAACTAATGGTTGATAAAGCAAGTTGGGTCCAATAGAAGACTTT  
 AAAGAAGTACCAACTGCCTCAGAGAGTACGAGAGAGACTGGTACATTGGCTTAGTGTCTGAAGAGCAGT  
 GGAAGAGAGCAATTCTAGAAGAAAAGCCATGCTTGTCTGCTGGGATGAGTCTAGTATGGGCGTTTA  
 CACCTCGAGGGTGTGATGCTTCAGGAGATGTCGGTGCACATCGGGAAGCTGAACGCTGAGGCCGTTTGA  
 GGTGAGTGGGCAACCTCTCGTGGGAAGTCTTTATGCCACCAACGATGATGAGGAACGGTACAGCATCC  
 AGGCTCACCCACTGCTGCTGAGGAACCTCACTGTACAAGCCGCTGACCCTCCCTTGGGATACCAATTTT  
 CTCTTCAAACCTCTCCCTATACATCTGTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_026327
- Insert Size:** 3534 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\\_026327.3](#), [NP\\_080603.2](#)

**RefSeq Size:** 4420 bp

**RefSeq ORF:** 3534 bp

**Locus ID:** 67708

**UniProt ID:** [Q3UVY5](#)

**Cytogenetics:** 12 C3