

## Product datasheet for MC225132

### Pcnx3 (NM\_144868) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pcnx3 (NM_144868) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pcnx3
Synonyms:	mKIAA4073; Pcnxl3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC225132 representing NM_144868 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGGTCTCAGGTGTTGCAGATCCTGCGCCAGGGGGTGTGGCCTCGCTCACTGGGGATGTTCTTCG  
ATCCGCATCAGAGCACCTTCTCCAAGTCTCCATCTCTATGTCTGGATCTTCTTGCTCATCTTTCCCTT  
CTTGCTGTACATGGTCTGCCCGCAGCCTGATGGTGGCTGGAGTGTACTGCCTGGTGGTAGCTGCATC  
TTTGCTACCATCAAGACTGTGAAGTATCGCTGCATGCCATGTTTCGACCGGGCAGAGATTGTGGAGAAAC  
GCAACTCTACCATGGGGAGCAGGAAGAAGAGGGTGCACAGGGGAGAGCAGTCTCCAAGGGACCTGG  
TGTGGAGATGACGGTGTCCGGAAGGTGAGCTCCACGCCCTGTACGCTGCAGTCCCAGCATTCTGTG  
TTTGGCTTCAACCAGTTTCGGAGTTGCTGCCCGGATGGAGATTCTGGGCCCTCAGAGACATCAAGG  
AGCTGGTACGGGAACAGGGCAGCAACAACGTGATCGTGACCTCTGCCGATCGAGAAATGTGAAGCTCAG  
CTCCCAAGAGAACTGATTGGAGACCTTCCCAGACACCTCCAGGGGTTGTTCCAGACCCCTCTCTCCCC  
AGTACGGATTCTCCGAGCGTTCTCCATGGCTGGAGATGGTGTCCCCTGGGGTGGGAGCGGTGTGGCTG  
ACACTCCCATGAGCCCTTACTGAAAGGGAGCCTCAGCCAGGAGCTAAGCAAGAGCTTTCTGACCCTGAC  
CCGGCTGACCGGGCCCTAGTGAGGACAGTAGTCGGCGGGAACAATGTCGGGGAAGTGGAGGCTACCAG  
CCCCTGGACCGGAGGGGCTCAGGTGACCCATGCCCGAGAAAGCTGGCTTTCGGATTCTTCTCAGTG  
GCACTGACAGGGAGACTCTGAGCAGCTTCAAGAGTGAGAAGACTAACTCTACACACCTCGACAGTCCCC  
TGTTGGGATGCTCCCGAGGGCAGCGACACAGACCCTCCTTCTGAGGCTGAGCTGCCTGCCATCCAGAT  
GCTGGGGTCCCCTCAGATGACACACTTCGTTTCTTTGACACAGTCATTGGAGCAGGGACACCACCGGGCC  
AAACGGAGCCGCTCCTGGTTGTGCGGCCAAGGACTTGGCCCTGCTTCGGCTAGCAAGCGGCGGCCCC  
CATGCGAGGACATTCCCCACCTGGTCTGACCCCAAGACGGCCCTTGCTTGAGGGCTCAGGCTTCTTTGAA  
GATGAAGATACCAGTGAAGGTAGTGAGCTGAGTCCAGCATCCAGTCTCCGGTCTCAGCGCCGCTATAGCA  
CTGATAGCTCCTCGTCTACTTCTTCTACTCCCCGAGAGCTCCAGGGTGCAGCAGGGGCTCCTCGGAA  
GCGGGCGGCCCTCATGGGGCCGAAGAAGGAAGTCTGTGCCCTAAGCGACCTATGGGACCCAGCGG



[View online »](#)

ACGCCAGTACTGCCAGTGCCAAAACATGCCCGTGTGTTGAGCATGGATGGGGCAGGGGGTGATGTCT  
TACGGGCACCCCTGGCGGGCTCCAAGGCTGAGCTGGAGGCCAGCCAGGAATGGAGCTGGCTGCTGGTGA  
GCCTGCTGTGTTGCCTCTGAAGCCCGGAGGGGACCCGCTGCCAACCAGCCTGGCTGGCGGGGGAGCTG  
CAGGAGGAAGGTGCTGTAGGGGGAGCACCTGAGGAAACAGGTGAGCGGGAATGCACAAGCAATGTGAGGA  
GAGCTCAAGCTATCCGGAGACGACAAATGCAGGCAGCAACCCTACGCTCCAGCCTCTGTATGGGCTC  
ACCACCTAGCAGCCTGCAGGAGGCTCAGCGGGGCCGGGCTGCTCCCACTCCAGGGCACTGACTCTGCC  
TCCGCTTGCACTTTGCCTCTCCCTGTTGCTCACCCGAGCTGGCCCCAACGTCCATGAAGCCAGCAATT  
TTGATGACACCTCTGAGGGTGTGTGCACTATTTCTACGACGAGAGTGGTGTACGACGGTGTATACCTT  
TGGCCTAGCTGGAGGTGGCTACGAGAACCCTGTGAGTCAGCCAGGCGAGCAGGCAGCCAATGGAGCCTGG  
GACCGTCACTCACATTCTCCAGCTTCCACTCAGCTGATGTGCCTGAAGCCACGGGAGGCTTGAACCTGT  
TGCAGCCAAGGCCAGTAGTTCTCAGGGTATGCAGGTGCGCAGGGTGCCCTGGAATCCAGAGGAGCA  
GACTGATGGAGGAGCACCACCCGGGCCAGCACAGCTACAAGTACTGGTTTCTTCTGGCCGTTGG  
ACCTCTGTGCGCTACGAACGGCTGGCCCTGCTAGCTCTGTTGGACCGACAGTGGGGTAAATGGAGAACA  
TTTTCGGTGTTGGATTGAGCAGCCTGGTGCCTCCTGGGATACCTGTTGCTGCTCAAGGGCTTCTTAC  
TGACATCTGGGTCTTCCAGTTCTGTCTGGTTCATCGCTCCTGTGACTACTCCCTGCTCAAGAGCGTGCAG  
CCTGATGCAGCATCCCCAATGCACGGCCACAACGGGTGATTGCATACAGCCGGCCTGTCTACTTCTGTA  
TCTGCTGTCTACTCATCTGGCTGCTGGATGCCCTGGGGACCGCTCAGCCCTTCCCACCTGTCTCTGTA  
CGGCTCACACTTCTCTGCTCTTTCTTTTGTGCCGAGATGTGGCCACTGTGTTACCTTATGC  
TTTCCGTTGCTTCTCCTGGGCTCCTGCCACGGTCAACACCTGCCTCATGTACCTCCTGGAGCAGA  
TAGACATGCATGGCTTTGGAGGCACAGCTGCCACCAGCCCACTACTGCGGTCTTACGCTCACGCGAAG  
CCTGCTGGCTGCTGCCCTGCTTATGGCTTCTGCCTTGGGGCCATCAAGACACCTGGCCAGAGCAGCAC  
GTCCTGTCTCTTCTCAGTCTTCTGTGCCCTCCTGGTGGCAATGCTACCATCTGAGCCGGCAGAGCA  
GGACCCACCGTTCTCTGGTCTCTAGTCCGGAGTAAACTTCCCTGAGCTAGAGGAGCGGAGCTAGA  
GACAGCCCGGGTGAACCCCGAGCCACTGCCAGAGAAGATGCGTCAGTCAGTGGGGAAGTCTTGAC  
TCCGACCTGGTGTGTGTGGTGTGCGCGTGTGCTCACCTTTGCCGTGAGTGCAGCACCCTTTCATTG  
CCCTGAAGTCAGTTCTGGGCTTGTGTTATATGCGCTGGCAGGAGCCGTGGGCTTCTTACGCATTACCT  
GCTGCCACAGCTGCGCAAACAGCTCCCCTGGTTCTGCCTCTCACAGCCTGTGCTGAAGCCACTGGAGTAT  
AGCCAGTATGAAGTGGAGGGCGCTGCCAGGTGATGTGGTTTGAAGCTCTACGCTGGCCTGCAGTGTG  
CTGAGAAGTACCTCATCTACCCTGCCGTGGTCTCAACGCTCTCACAGTGGACGCCACACAGTCTGAG  
CCACCCAGACAAATTCTGCCTCTACTGCCGGCCCTTGTGATGACTGTGGCGGGCTGAAGTGTGCGC  
TCGGCCTTCTGTTGCCACCCAGCAGTACCTGACCTTGGCCTTCACTGTCTCCTTCCACTTGGACT  
ACCCGAGGCTCTCACAGGCTTCTGCTTACTACTTCTCATGTCTCTGCTCTGAGCAAGCTTTGGGA  
CCTGCTGTACAAGCTGCGTTTTGTACTGACCTACATTGCACCATGGCAGATCACCTGGGGCTCAGCCTT  
CATGCCTTTGCCAGCCCTTCGCTGTACCACACTCAGCTATGCTGTTCTTACAGGCCCTGCTCTCAGGGC  
TCTTTTACCCCACTCAACCCCTGCTGGGCAGCGCAGTCTTATCATGTCTCCTACGCAAGGCCCTCAA  
GTTCTGGGAGAGGGACTACAACACTAACGTGTGGACATTCTAACACTCGCCTAGTGACACAGCTGGAC  
CGGAACCCAGGCGCTGATGACAACAACCTCAACTCCATCTTCTATGAGCACTGACACGCTCGTGCAGC  
ACACGCTGTGTGGGATCTGGTGTGGCCGCTGGGGCAATTATGGCCCTGGAGACTGCTTGTCTGCTG  
CTCTGACTACCTCAACGCGCTAGTGCACCTCATTGAGGTTGGCAATGGCCTCATCACCTCCAGCTTCGT  
GGCCTTGAGTTCCGGGGCACATACTGCCAGCAGCGTGGAGTGGAGGCCATCACGGAAGGTGTGGAGGAAG  
ACGAGGGCTGCTGTTGCTGTGAGCCTGGTCACTGCCCGGGTCTGTCCTTCAATGCTGCCTTTGGGCA  
GCGCTGGCTGGCCTGGGAGGTGACAGCCAGCAAGTACGTGCTGGAAGGCTACAGCATCAGTGACAACAAC  
GCAGCCTCCATGCTGCAGGTGTTTACCTCCGCAAGATCCTGCTCACTTACTATGTCAAGAGCATCATCT  
ACTATGTGAGCCGCTCTCAAAGCTAGAGACCTGGCTGAACCATGAGGGCATCGCCGCTGCCCTCCGGCC  
TGTGCGAGCCCTTGGTTACGCAGACTCGGACCCACCTTCTCACTGAGTGTGACGAGGACTACGACCTC  
CGGTTGCTGCTGCCCTCCTGCCATCCTTCTGCGCTGTCCACCTCGAGTGGATCCAGTACTGTGCCTCTC  
GGCGCAGCCAGCCGTGGACCAGGACTGGAATCACCGTTGGTTAAGTGTGCTTTGGCCTGTGTGCT  
GGGTGCGCGGGCCCTGGGAACAGCGTACACAGTATGTCTGCCAGCCTGGAGCCCTTCTCTATGGCCTG  
CACGCCCTGTTCAAGGGGACTTCCGCATCACCTCTCCCCGTGACGAGTGGGTCTTTGCCGACATGGATC  
TGCTTACCGAGTGGTAGCCCTGGGGTTCGATGGCCCTCAAGTTCACCCAGGACCATTTACATCTCC  
TGATGAGTATGAGGAACAGCAGCCCTGTATGACGCCATCGCGGCAATGAGGAGCGGCTAGTCACTCA  
CATGAGGGGGACCTGCCTGGCGAGTGCCATCCTCAGCAACACCCCTCCTGCTGGCGCTGCGCCATG

TCATGGACGACGCTTCTGACGAGTACAAGATCATCATGCTCAACAGGCGCCACCTCAGCTCCGAGTCAT  
 CAAGGTA AACCGAGAGTGTGTGCGTGGGCTGTGGGCTGGGCGAGCAACAAGAGCTGGTGTTCCTGCGCAAC  
 CGCAACCTTGAGCGCGGCAGCATCCAGAATGCCAAGCAGGCACTCCGCAACATGATCAATTCCTCCTGCG  
 ACCAGCCACTGGGATATCCCATCTACGTGTCACCTTTACCACATCTCTGGCTGGTAGCCACCCCAACT  
 GCGGGCGCTGTGGGTGGTCTGTGACCTGGGTGCCATTGCCGATGGCTTTGCGCAGCTGGGAGAGA  
 CTTATAAGGGCTGTGGCGTGGCTGTAATAGCGGAGGGAATGTGGATGACTCGGACTGTGGTGGGGTG  
 GCGGCCTGACCTCCCTCAGCAATCATCCGCCCTTGCCACACCTACGCCGAAAAATGCAGCAGGCAGCAG  
 TGAGCAGCCCTCCACCAGGTCTAGCTGGGGACCACGGCCTTCCTCAGTGGCTCTGGTATGGGCGG  
 CCCCCTCTCTGCTGAGTGGCCTCCCCCTCGGCTCCCTGGACCACCCCTGCTTCACTGCTCCCACTG  
 AGGGTCCCGGCCCTCAAGACCTTCTGGCCCTGCTCTCCTCAATTCTGAGGGACCCAGTGGGAAGTGGAG  
 TCTGGGGGTGGGAAGGACTGGGAGGACTGATGGGGAGCCAGCCTCAGGGAGCCCAAAGGAGGCACC  
 CCCAAATCTCAGGCCCTCTAGACCTCAGCCTCAGTCTGATGTCAGCTCTGAGGCCTCACCTGCCAGAA  
 CCACCCAGGACCTTCTTGTGGACAGCAGTATTCTGAGGGTTGCACACCTCCGGTCCCCAGGTGA  
 CTGGCCTGCTCCCTGCTGAGGAACGCGAGAGCCCGCTGCCAGCCCTTGTGGAGCATCAGTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_144868
- Insert Size:** 6087 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\\_144868.3](#), [NP\\_659117.2](#)
- RefSeq Size:** 7281 bp
- RefSeq ORF:** 6087 bp
- Locus ID:** 104401
- UniProt ID:** [Q8VI59](#)
- Cytogenetics:** 19 A