

## Product datasheet for **MC223023**

### **Pcx (NM\_001162946) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pcx (NM\_001162946) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Pcx  
**Synonyms:** Pc; Pcb  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC223023 representing NM\_001162946  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGATGCTGAAGTTCCAACAGTTCGAGGGGGCCTGAGGCTCCTGGGTGTCGCGCATCCTCCTCGGCC  
CTGTTGCCTCCCAAATGTCCGGCGTCTGGAGTATAAGCCTATCAAGAAAGTAATGGTGGCAACAGAGG  
TGAGATTGCCATCCGAGTGTTCGTCGTCGACAGAGCTGGGTATCCGCACAGTGGCTGTCTACTCGGAG  
CAGGACACAGGGCAGATGCACAGGCAGAAAGCTGATGAAGCCTACCTTATTGGCCGTGGCCTGGCACCTG  
TGCAGGCCTACCTGCACATTCAGACATCATCAAGGTGGCCAAGGAAAATGGTGTAGATCGGGTGCATCC  
TGGCTATGGGTTCTCTCAGAGCGAGCAGACTTTGCCAGGCCTGCCAAGATGCTGGAGTCCGGTTCATT  
GGTCCAAGCCCAGAGGTGGTCCGCAAGATGGGAGACAAGGTGGAAGCCCGGGCCATTGCCATCGCTGCAG  
GCGTTCAGTGGTCCCGGCACGGACTCCCCATCAGCTCCCTGCACGAGGCGCATGAGTTCTCCAACAC  
CTACGGCTTCCCTATTATCTTCAAGCCGCCTACGGAGGTGGGGCCCGGCATCGGGTCTGCATAGC  
TATGAGGAGTTGGAAGAGAATTACACCCGGCCTACTCCGAGGCCCTTGGCAGCCTTTGGGAATGGAGCGT  
TGTTTGTGGAGAAGTTCATTGAGAAGCCAAGGCACATTGAGGTGCAGATCCTAGGGACCATGAGGAA  
CATCCTGCACCTGTACGAGCGAGACTGCTCCATCCAGCGTCGGCACAGAAAGGTGGTAGAGATCGCCCT  
GCTACCCACCTGGATCCCAACTTCGCTCACGTCTCACCAGTGACTCTGTCAAATTGCCAAGCAGGTAG  
GCTATGAGAACGCCGGCACTGTGGAGTTCCTGGTGGACAAGCACGGCAAGCACTACTTCATCGAGGTCAA  
TTCCCGCCTGCAGGTGGAGCACAGGTCACCGAGGAGATCACAGATGTGGACCTGGTCCATGCTCAGATC  
CACGTGTCCGAAGCCGGAGCCTGCCTGACCTGGGCTGCGGCAGGAGAACATCCGCATCAATGGCTGTG  
CCATTAGTGTGGGTACCACCGAGGACCCTGCACGCAGCTTCCAGCCAGACACCGGCCGATTGAGGT  
TTCCGGAGTGGTGGGGCATGGGCATCCGCTGGACAACGCCTCTGCATTCCAGGGCGTGTGCATATCG  
CCCCACTATGACTCTCTGCTCGTCAAGGTCAATGCACACGGCAAAGACCACCCACAGCTGCCACCAAGA  
TGAGCAGAGCCCTGGCCGAGTTCGCTGTCGAGGTGTAAGACCAACATCCCTTCTGCAGAATGTTCT  
CAACAACCAGCAGTTCCTGGCAGGCACAGTGGACACCCAGTTCATCGATGAGAACCCTGAGCTGTTCCAG  
CTTCGGCTGCACAGAACCAGGGCCAGAAAGTGTACATTACCTCGGACATGTCATGGTGAATGGCCCTA



[View online >](#)

CCACTCCAATCCCTGTCAATGTGAGCCCCAGTCCCTGTGGATCCTGCTGTTCTGTGGTGCCCATAGGCC  
 ACCTCCAGCTGGTTTCAGGGACATCCTTCTGCGAGAAGGGCCAGAGGGCTTTGCCGAGCTGTGCGGAAT  
 CACCAGGGGCTGCTGTTGATGGACACAACCTTCCGGGATGCCACCAGTCACTACTGGCCACTAGAGTGC  
 GCACACATGATCTCAAAAAGATTGCGCCCTATGTTGCCACAACCTTCAACAAGCTCTTACAGATGGAGAA  
 CTGGGGAGGCGCCACGTTTCGACGTTGCCATGCGCTTCTGTACGAGTGCCCTGGCGGGCTCCAGGAG  
 CTCCGGGAGCTTATCCCGAACATCCCGTCCAGATGCTACTGAGGGGGCCAATGCTGTGGGCTACACCA  
 ACTACCTGACAACGTGGTCTTCAAGTTCTGTGAGGTGGCCAAAGAGAATGGTATGGACGCTTCCGAGT  
 CTTTGACTCCCTCAACTACTTGCCAAACATGCTGCTGGGCATGGAAGCAGCAGGCAGTGCTGGGGGTGTG  
 GTGGAGGCTGCCATCTCATAACGCGGGGACGTGGCTGACCCTAGTCGCACTAAATACTACTGGAGTACT  
 ACATGGGCTTAGCTGAAGAACTGGTGGAGCTGGCACTCACATCCTGTGCATTAAGGACATGGCGGGCT  
 GCTGAAGCTGCCGCTGCACCATGCTGGTTCAGCTCCCTCCGGGACCGATTCCCCGACCTCCCACTGCAC  
 ATCCATACCCATGATACATCAGGGGACGGTGTGGCAGCCATGCTGGCCTGTGCACAAGCAGGGGCTGATG  
 TTGTGGACGTGGCAGTAGACTCCATGTCTGGGATGACCTCACAGCAAGCATGGGGGCCCTGGTGGCCTG  
 TACCAAAGGACTCCTTTGGACACAGAGGTACCCCTGGAGCGTGTGTTGACTACAGTGAAGTACTGGGAA  
 GGGGCTCGGGGACTGTACGCAGCCTTCGATTGCACGGCTACCATGAAGTCTGGCAACTCCGACGTGTATG  
 AGAATGAGATTCCAGGGGCCAGTACACCAACCTGCACCTCCAGGCCATAGCATGGGGCTTGGCTCCAA  
 GTTCAAGGAGGTCAAGAAGGCCTATGTGGAGGTAACCAGATGTGGGGACCTCATCAAGGTGACACCA  
 TCCTCAAAGATTGTGGGGACCTGGCCAGTTCATGGTGCAGAATGGGTTGAGCCGGGCAGAGGCAGAAG  
 CTCAGGCAGAAGAGCTGTCTTCCCGCTCTGTGGTGGAGTTCTTGCAGGGCTACATTGGCATTCCCCA  
 TGGGGGTTTCCCTGAGCCCTTTCGCTCTAAGGTGCTAAGGACCTGCCAAGAATAGAGGGGCGGCCTGGA  
 GCCTCCCTCCCTCCCCTGAACCTGAAGGAGCTGGAGAAGGACCTGATTGATAGGCATGGGGAGGAGTGA  
 CCCCAGAGGACGCTCCTCTCTGCAGCCATGTACCCTGATGTCTTTGCTCAATTCAAAGACTCACGGCTAC  
 CTTCCGGCCCTGGATAGCCTTAATACTCGTCTTTCTTCAAGGACCCAAAATTGCAGAGGAGTTTGAG  
 GTTGAGCTGGAACGGGGCAAGACCCTGCACATCAAAGCCCTGGCTGTAAGCGACCTGAACCGTGTGGCC  
 AGAGGCAGGTGTTCTTTGAACTCAATGGCAGCTTCGATCCATTCTGGTTAAAGACACCCAGGCCATGAA  
 GGAGATGCACTTCCATCCCAAGGCTTTGAAGGATGTGAAGGGCCAAATTGGGGCCCGATGCCTGGGAAG  
 GTCATAGACATCAAGGTGGCAGCAGGGGACAAGGTGGCTAAGGGCCAGCCCTCTGTGTCTCAGCGCCA  
 TGAAGATGGAGACTGTGGTACTTCGCCCATGGAGGGCACTATCCGAAAGGTTTCATGTTACCAAGGACAT  
 GACTCTGGAAGGCGACGACCTCATCTAGAGATTGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001162946
- Insert Size:** 3540 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\\_001162946.1](#), [NP\\_001156418.1](#)

**RefSeq Size:** 4148 bp

**RefSeq ORF:** 3540 bp

**Locus ID:** 18563

**Cytogenetics:** 19 4.07 cM