

## Product datasheet for **MC218152**

### Coil (BC031167) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Coil (BC031167) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Coil
Synonyms:	Cln80, p80-coilin, MGC37472
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >BC031167  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCAGCCTCCGAGACGGTTAGGCTACGGCTTCAATTTGACTACCCGCCGCCGACTCCACACTGCA  
 CGGTCTTCTGGCTTCTGGTGGACCTGAACAGATGTCGAGTTGTCACGGATCTCATCAGTCTCATCCGCCA  
 GCGCTTCCGGCTTCAAGTCCGGGGCGCTCCTGGGCTCTATCTGGAAGGGGGGCTGCTGCCCCCTGCCGAG  
 AGCGCGCGCTGGTGAGAGACAACGACAGCCTCAGGGTTAAGTTAGAAGACCAAGGACTCCCTGAGAACC  
 TGATAGTAAGCAATGGTGGCAGCTCTAGTTTCCCATGCAGGAAAGCAAAGAAACGGGCTTTTAAAGTTGAT  
 GGAGGATGAGGAGACAGATCAGGGATACAAGTCTTGAAGAAGCACTGCAAGAGGCAGGAGGACAGCGGC  
 CAGAATGAGAAGGCTCGGACCTGGAACTAACTCCTCCAGATGAGACGGGGCGGACAAAGAGCAAGA  
 AAAAGAGCAAAGTGACAGGCAGCCAGCCGAAGAGGACGAGGAAGAGACCAAAAAGAAAGTCTTAAAAAG  
 AAAGGAGAAGTGAACCGAAGAAGCAGACCAGGGCCTCCAAGTCTTCCAAACAACAGACGCTAAAGAG  
 GGGCCTCACAGAAGTGCAGTTCCTCCAGGGCCTCCCGGAGAGCCTCGGTAAAGCCCGGAGGAGAGCA  
 GCACGGGGCTAAAAGGTAGCTCAGGCCACCTGTGAGAGTCTGAGTCTGCGCCAGAGTCAAGTCAAGGATGG  
 CCACTGCAGTGTGATGATGCAGGAGGTCACCTTTTCCAGAGAACTGTGAGTCTGAGTCTGTTGAAAGATGCA  
 CCTGCTACTAAGACTGCAGCTGCCAACAGGCAGGCCTCAAAGCCTGGCTTTACCTTCAGTCCCGCAAGG  
 GCAAGGCTCCAGAACCTCGTCACTAGCTCAGACTCCAGTTCAGAGTCCGGAAGACCAGTTCCTGGTGTG  
 CAAGAACATGCTCGAGGGCGCATCTGGCTTCTTAAAGCCAAGTGGCCTCTTGCAGGGCAAGGGGTTCT  
 GGTCCAGGCTGTCAATTGGAGACTCCGGGATTATGGGATGGAAGTCTTCTGACTCAAACCGGGCAGAC  
 AAGCTCTGGTCTCCAGTACGCTGTCCCAAGGATTTGGGAAGAGGATGGGGCGGAGGAGAGGACTT  
 GTTGTGGGAAGGGACTGAGGGCCGGGGTGTTCGGGGCCGAGGGCGAGGGCGCGGCAAGCGGTCTCC  
 TGTGTCTTAAATAGAAGCTCTGAGAGTCAAGAAGCAGAGACAGTTAAACGATATTCTAACAACACTCATCTG  
 TGGTGTCCAGAAATCCAGTAGAGCCCCCAAGAAGGACTATAGTCTATTACCACTGTTGGCAGTGGCCCC  
 TCAAGTCGGAGAAAAGATTGCATTTAAGCTTTGGAACTCACATCCGACTACTCTCTGATGTCTCTGAC  
 TACAAGGAAGGAAAAATATTAAGTACGATCCAGAGACCCAGCAAGTGGACATAGAGGTCCTCTCTCTCGC  
 TACCGGCTTTGAAAGAACCTGGGAAGTTTGATTTGGTCTATCACAATGAAACCGGAACCGAGGTGGTGG  
 ATACGCTGTGACTCAGGAGAAGAGGATCACCGTCTCTGGAGAGATTGATCGATCCGAGGCTGATCATT  
 GACTCTTCAGGTAGCATCTCGAGTACATAA

**ACGCGT**ACGCGGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** BC031167

**Insert Size:** 1710 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:** [BC031167](#), [AAH31167](#)

**RefSeq Size:** 2653 bp

**RefSeq ORF:** 1709 bp

**Locus ID:** 12812

**Cytogenetics:** 11 54.34 cM