

## Product datasheet for **MC219156**

### Coil (NM\_016706) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Coil (NM_016706) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Coil
Synonyms:	C79982; Cln80; p80; p80-coilin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219156 representing NM\_016706  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGCAAGATGGCAGCCTCCGAGACGGTTAGGCTACGGCTTCAATTTGACTACCCGCCCGGCCACTC  
 CACACTGCACGGTCTTCTGGCTTCTGGTGGACCTGAACAGATGTCGAGTTGTCACGGATCTCATCAGTCT  
 CATCCGCCAGCGCTTCGGCTTCAGTTCGGGGCGCTCCTGGCCTCTATCTGGAAGGGGGCTGCTGCC  
 CCTGCCGAGAGCGCGCCTGGTGAAGACAACGACAGCCTCAGGGTTAAGTTAGAAGACCAAGGACTCC  
 CTGAGAACCTGATAGTAAGCAATGGTGGCGACTCTAGTTTCCCATGCAGGAAAGCAAAGAAACGGCTTT  
 TAAGTTGATGGAGGATGAGGAAACAGATCAGGGATACAAGTCTTTGAAGAAGCACTGCAAGAGGCAGGAG  
 GACAGCGGCCAGAATGAGAAGGCCTCGGACCTGGAACTAACTCCTCCAGATGAGACGGGGCGGACAA  
 AGAGCAAGAAAAAGAGCAAAGTGACAGGCAGCCAGCCGAAGAGGATGAGGAAGAGACAAAAAGAAGTC  
 TTCAAAAAGAAAGAGAAGTGTGAACCGAAGAAGCAGACCAGGGCCTCCAAGTCTTCAAACAACAGACG  
 CCTAAAGAGGGGGCTCAGAACTGCAGCTTCCCGAGGGCTCCCCAGAACGCTCGGTAAAGCCCGAA  
 GGAGAAGCAGCAGGGGCTAAAAGGTAGCTCAGGCCACCTGTGAGAGTCTGAGTCCGCCAGAGTCAGT  
 CAGCGATGGCCACTGCAGTGTGATGTCAGGAGGTCACCTTTTCAGAGAACTGTGAGTGTGAGTGTG  
 AAAGATGCACCTGCTACCAAGACTGCAGCTGCCAACAGGCAGGCCTCAAAGCCTGGCTTTACCTTCAGT  
 CCGGCAAGGGCAAGGCCTCCAGAACCTCGTCATCCAGTTCAGACTCCAGTTCAGAGTCCGGAAGACCAGT  
 CCTGGTGTCCAAGAACATGCTCGAGGGCGCATCTGCTGGCTTCTAAAGCCAAGTGGCCTCTTTCAGGG  
 CAAGGGGGTCTGGTCCAGGGCTGTATTGGAGACTCCGGGATTATGGGATGGAAGTCTTCTGACTCAA  
 ACCGGGGCAGACAAGCTCCTGGTCTCCAGTACGCCTGTCCCAAGTCTTGGGAAGAGGATGGGGCG  
 AGGAGAGGACTTGTGTTGGGAAGGGACTGAGGGGCCGGGTGTCCGGGGCCGAGGGCGAGGGCGCGGG  
 CAAGCGGTCTCCTGTGCTTTAATAAGAAGCTCTGAGAGTCAGAAGCAGAGACAGTTAAATGATATTCTAA  
 CAAACTCATCTGTGGTATCCAGAATCCAGTAGAGCCCCCAAGAAGGACTATAGTCTATTACCACTGTT  
 GGCAGTGTCCCTCAAGTTGGAGAAAAGATTGCATTTAAGCTTTTGGAACTCACATCCGACTACTCTCCT  
 GATGTCTCTGACTACAAGGAAGGAAAAATTAAGTACAGATCCAGAGACCCAGCAAGTGGACATAGAGG  
 TCCTCTCCTCGTACCGGCTTTGAAAGAACCTGGGAAGTTTGATTTGGTCTATACAATGAAATGGAAC  
 CGAGGTGGTGAATACGCTGTGACTCAGGAGAAGAGGATCACCGTCTGGAGAGAGTTGATCGATCCG  
 AGGCTGATCATTGACTCTTCAGGTAGCATCTCGAGTACA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_016706
- Insert Size:** 1722 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\\_016706.2](#), [NP\\_057915.2](#)

**RefSeq Size:** 2609 bp

**RefSeq ORF:** 1722 bp

**Locus ID:** 12812

**Cytogenetics:** 11 54.34 cM