

Product datasheet for **RN206553**

Coil (NM_017360) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Coil (NM_017360) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Coil
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN206553 representing NM_017360
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGCCTCCGAGACGGTTAGGGTACGACTTCAATTTGACTACCCGCCGCCGACTCCACACTGCA
 CGGTCTTCTGGCTTCTAGTTGACCTGAACAGATGCCGAGTTGTCACAGATCTCATCAGTCTCATCCGCCA
 GCGCTTTGGCTTCAAGTCCGGGGCGCTCCTGGGCTCTATCTGGAAGGGGGCTTCTGCCCTTCCGAG
 AGCGCGCGCTGGTGAGAGACAACGACTGCCTCAGGGTTAAGTTAGAAGACCAAGGACTCCCTGAGGCTT
 TGATAGTAAGCAATGGCGGCGACTCTAATTTCCCATGTAGGAAATCAAAGAAGCGGGCTTTAAAGTTGGT
 GGAGGACGAGGAGACGGACCAGGGTTACAAGTACCCTGACAAGTACTGGAAGAGGAGGAGGACAGCGGC
 CCTAATGAGAAGGCTCAGACCTGGAGACAAAACCTTCCAGACGAGGTGCGGGGACAAAGAACAAGA
 GAAAAAGCAAAGTGGCAGGCATCCCTGCTGAGGAGGACGAGGAAGAGACCAAAAAGAAGTCTTAAAAAG
 AAAGGAGAAATGTGAACAGAAGAAGCAGACCAGGGCTCCAAGTCTCCAAACAACAGACACATAAAGAG
 GGAGGCTCACAGAACTGCAGTTCCTCCAGGGCTCCTACAGAAGCAGCCTTGCTAAAGCCCGAGGAGAA
 GCAGCACAGGGGCAAAAGGTAGTCCAAGTACCTGTCAGAGTCTGAGTCTGTCCAGACTCAGTCAGTGA
 TGGCCACTGCAGTGTACGACGATGCAGGGGTACCTTATCAGAGAACTGTCAGCTGAGCTGTTGAAA
 GACGGAGCTACAAAACTGCAGCTGCCAACAGACAGTCTCAAAGCCTAGCTTACCTTCAGCTCCGGCA
 AGGGCAAGGCCTCCAGAGCCTCGTCTTCCAGTTCAGACTCCAGTTCAGAGTCAGAAGACCAGTTCCTGGT
 GTCCAAGAATGCTGGAGGGCACATCTGACTTCTTAAAGACAACAGGCCTTTTGCAGGGCAAGGGTGT
 TCCAGTCCAGGGCTGTCTTTGGAGACTCCGGGTATTATGGGATGGAAGCCTTCTGACTCAAACAGAGGCA
 GACAGGCTCCTGGTCCCAACGTGCCTGTCCCCTCCAGTTTGGGAAGAGGATGGGGCGAGGAGAGGACTT
 CTGTTTGGGAAGGACTGAGGGCGGGGTATTTCGGGGCCGAGGGCGAGGTTCGAGGTGACTGTCTCC
 TGTATCTTAAATAGAAGCTCTGAGAGCCAGAAGCAGAAACAGTTAAATGATATTCTAACCACTCATCCA
 CGGTGATCCAGAAATCCAGTAGAGACCTCCAAGAAGGACTATAGTCTGTTACCACTCTTAGCAGCTGCCCC
 TCAAGTCGGAGAAAAGATTGCCTTCAAGCTTTGGAACTTACATCCGACTATTCTCTGATGTCTCTGAC
 TACAAGGAAGGAAAAATATTAAGCCACGATCCAGAGACCCAGCAAGTGGATATTGAAGTCTCTCTCCC
 TACCGGCTTTGAAAGAACCTGGGAAGTTTGATTTGGTCTATCACAATGAAACCGAACCGAGGTGGTGG
 ATACGCTGTGACGCAGGAGAAGCGGATCACTGTGTTCTGGAAAGAGTTGATCGATCCGAGACTGATTATT
 GACTCTTCAAGTAGCATCTCAAGTAAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_017360
- 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: [NM_017360.1](#), [NP_059056.1](#)

RefSeq Size: 2580 bp

RefSeq ORF: 1710 bp

Locus ID: 50998

Cytogenetics: 10q26

Gene Summary: mouse homolog protein localized to nuclear Cajal bodies [RGD, Feb 2006]