

Product datasheet for **SC210813**

Coilin (COIL) (NM_004645) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Symbol: Coilin

Synonyms: CLN80; p80-coilin

Mammalian Cell Neomycin

Selection:

Vector: pMirTarget (PSI00062)

ACCN: NM_004645

Insert Size: 902 bp

Insert Sequence: >SC210813 3'UTR clone of NM_004645
The sequence shown below is from the reference sequence of NM_004645. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
AGTAACACATCAAGTACAGAACCTGCCAGATGACCTCTCCACCTTATAGTTTATGAATGTCTTGTT
TGTGAAAGTGACTATAACCCAACTTTTTTTTTTTTTTAAAGAGGATTTGGAAGTTGTATGGATTTTT
TGTTATCTTCACTTTACTGCATAGGAAACAATCTACCTCATCTTTAAATGACATGGGTGTCGGTTTT
GTAGATCTTTGGTTTTTTTGTCAAGTTTAATTTCAAGTTAACAAAATGTAACATGACATTCCTGCAG
ATATTGTTGTATACCAGTATGGTTTCTTCTCTTTAAATGTTTTGGCCATCAAGTAGCAGTCGTC
AGTAGGAGTTTATAATACCAAGAATGTGCTGCGTATCTTGCTCAATAAGTTTTAAGTAACATTTAAAA
ATATTAAGCATGTTATTTGACCTAATTTTTAGCATTGAGTTGTTCCATTAAATGGAGCATCTTGTA
AATTTCAAGTATTTTACTTGCAATTGTTAAGAGTTAACAGGTAGTTGGATTTGTCGCAGACAATGAG
TTAAGGAATCCTTTCACGTTTTTCCCAACTTTAAATTAAGGATTCTCAGGTCCTGTGTAGAGCAGTG
AAAATAAGATGTGCGTATGTGTGTATGCCTGGAGAATTGGTGTTTCACTTCAGTGAGAGGATTGGCT
GTGAGCTTCAGACCAGGAAATGTGTATCTTCCAGGCACCTGGCTGAGTGTGCTGGAGTGAGGATCTT
GAACAGAACTTCCTTTTCTGTTATTATTCACTACGAAGCTAAAATGGCCAAATATATACCGTAAAAAT
TGGTTTCATTTAACAAAAGATCAGATCCCTCCTTCAGCTGTACACATTTTAAATAAAATCATATTGAA
CTAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_004645.3</u>
Summary:	The protein encoded by this gene is an integral component of Cajal bodies (also called coiled bodies). Cajal bodies are nuclear suborganelles of varying number and composition that are involved in the post-transcriptional modification of small nuclear and small nucleolar RNAs. The N-terminus of the coilin protein directs its self-oligomerization while the C-terminus influences the number of nuclear bodies assembled per cell. Differential methylation and phosphorylation of coilin likely influences its localization among nuclear bodies and the composition and assembly of Cajal bodies. This gene has pseudogenes on chromosome 4 and chromosome 14. [provided by RefSeq, Jul 2008]
Locus ID:	8161
MW:	34.9