

Product datasheet for **MC203094**

Coch (NM_007728) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Coch (NM_007728) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Coch
Synonyms:	AW122937; Coch-5B2; D12H14S564E
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC045137
 GGCGGATCCCACGCAGGTCCACGGAGATCCTCGCCATGCCTCGTCCAGGATCCCTGCTCTCTGCCTCGG
 TGCGTGGCTGCTGCTGCTGCTGCTGCCCGGTTTCGCGCGCGCCGAGGGAGCGGTTCCCATTCCTGTCACC
 TGCTTTACCAGAGGCCTGGATATCCGAAAAGAGAAAGCAGATGTTCTCTGCCAGGAGGCTGCTCTCTTG
 AGGAATTTCTGTGTTTTGGGAACATAGTGTATGCGTCAGTGTCCAGCATCTGCGGCGCTGCTGTCCATAG
 GGGAGTGATTGGCACCTCAGGGGGACCTGTGCGTGTCTACAGCCTTCTGGTTCGAGAGAACTACTCCTCG
 GTAGATGCCAACGGCATCCAGTCTCAGATGCTTTCCCGATGGTCCGCGTCTTTCGCTGTGACCAAAGGCA
 AAAGCAGTACCCAGGAAGCCACAGGACGGCAGTGTCCACAGCCACCCACCTTCAGGTAAGAAAGACTAAA
 GAAGACACCAGAGAAGAAGACTGGCAACAAGACTGTAAGGCAGACATTGCATTTCTCATTGATGGAAGC
 TTCAATATTGGGCAGCGCCGATTTAATTTGCGAAGAATTTTGTGGAAAGTGGCACTAATGTTGGGAA
 TTGGAACAGAAGGACCACACGTGGTCTCGTTCAAGCCAGTGAACACCCCAAAATAGAATTTTACTTGAA
 AAATTTACTTACGCCAAAGATGTCTTGTGGTCCATAAAAAGAAGTAGGTTTCCGAGGGGGTAACTCCAAC
 ACAGGAAAAGCCTGAAGCACACTGCTCAGAAATCTTTACAGCAGACACTGGTGTGAGAAAAGGAATAC
 CAAAAGTGGTGGTAGTGTATTTATGATGGTTGGCCCTCTGATGACATTGAGGAAGCAGGCATTGTGGCCAG
 AGAGTTTGGTGTCAATGTATTTATAGTTTCTGTGGCCAAGCCATTCTGAAGAAGTGGGATGGTTCAA
 GATGTTGCATTTGTTGACAAGGCTGTGTGTCGGAATAATGGCTTCTTCTTATCACATGCCCAACTGGT
 TTGGCACTACAAAATATGTGAAGCCTCTGGTGCAGAAGCTCTGTACGCACGAACAGATGATGTGCAGCAA
 AACCTGTACAACCTCAGTGAACATTGCCTTTCTGATTGACGGCTCCAGCAGTGTGGAGATAGCAATTTTC
 CGCCTCATGCTAGAAATTTGTTTCAACATAGCGAAGACATTTGAAATCTCAGACATTGGAGCCAAGATAG
 CTGCTGTACAGTTCACCTATGACCAGCGCACCGAGTTCAGTTTCACTGACTATAATACAAAAGAGAACGT
 CCTAGCTGTCTAGCGAACATCCGCTACATGAGTGGTGGCACAGCTACTGGTGTGCCATCGCCTTACT
 GTTAGAAATGATTTGGTCCATAAGGGACAGCCCAACAAAACCTTCTGGTTATTGTCACAGATGGGC
 AGTCCATGATGATGTCGAGGCCCTGCTGCAGTGCATGATGCAGGTATCACCATCTTCTCTGTTGG
 TGTGGCTTGGGCACCGCTGGATGACCTGAGAGATATGGCCTCTAAACCCAAAGAGTCACACGCTTTCTTT
 ACCAGAGAGTTTACAGGGTTAGAACCAATTGTCTGACGTCATCAGAGGCATTTGTAGAGACTTCTTAG
 AATCCCAGCAATAACCGATACTCTGACAACCAAGGAATACGTGCAAGGGGATCTAATGTGCAAATTATA
 TTCTCAATGCCTATGTAACCTTTATAGTTACCAGTGTCAAAAAATGCGTCCACAGCTGTTTAAAGCAAAT
 GAATATTCATGTGATGCTCACAATTTAGATTGGCCGAGACTTGATAATCAGGCCCTTAGAAAACAGGAA
 AGAAGAGTTGTCATGGATTAACATTGGGAGTTCAAATATGCATTCAAGTGGATAGGTAAGCTACACAGCT
 CAATAAAAAGAACCTGGCGCTTACACACAAAGCACTGTTCCCTCTTAATCACTCTGCATTGACCATGCAA
 GAAAAACAGAACAGCTTTTAAACACAGATCAAGTATACATATTTTGACCCATGTGGATGTTTTCTTAAAA
 CCAGCCAAGAACAGACAGCTGTTATTATGTGCACTAGCCATAACTACACATTATATGGAATCATATATCA
 AGCTTCTTTTGTAGTGTGTTTTTCATAAATTGATGGCTGAAATACCACTGAGTAAAGGTAGGATTGGCT
 GGTATTTTTCTATTTATATCCTTAATTTTATGTGTATAGACAGGCATGACTCCGAGGACTAAGAAAATG
 TTTAAGCAGATAACTTTTTTTTTTTGAAAAAAGATGTGTCAAGTATTGTAACCGAAAAAATACACAGC
 TTAATAGCTTGGCTGTCAGCAATAAACTGCTAGTACTAAGTGCTATTTAAAAAATTTTTTTTTTTTTT
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_007728

Insert Size: 1659 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: [BC045137](#), [AAH45137](#)

RefSeq Size: 2480 bp

RefSeq ORF: 1659 bp

Locus ID: 12810

UniProt ID: [Q62507](#)

Cytogenetics: 12 22.11 cM

Gene Summary: Plays a role in the control of cell shape and motility in the trabecular meshwork.
[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 encode the same protein.