

Product datasheet for **MC228268**

Coch (NM_001198835) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Coch (NM_001198835) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Coch
Synonyms:	AW122937; Coch-5B2; D12H14S564E
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228268 representing NM_001198835
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCTCGTCCAGGATCCCTGCTCTGCTCGCTCGGTGCGTGGCTGCTGCTGCTGCTGCCCGGTTCCG
 CGCGCGCCGAGGGAGCGGTTCCATTCCCTGTCACTGCTTTACCAGAGGCTGGATATCCGAAAAGAGAA
 AGCAGATGTTCTCTGCCAGGAGCTGCTCTTGAGGAATTCTGTGTTGGGAACATAGTGTATGCG
 TCAGTGTCCAGCATCTGCGGCGCTGCTGTCCATAGGGGAGTGATTGGCACCTCAGGGGACCTGTGCGTG
 TCTACAGCCTTCTGGTGCAGAGAACTACTCCTCGGTAGATGCCAACGGCATCCAGTCTCAGATGCTTTC
 CCGATGGTCCGCTCCTTCGCTGTGACCAAGGCAAAAGCAGTACCCAGGAAGCCACAGGACGGGCAGTG
 TCCACAGCCACCCACCTTCAGTAAAAGACTAAAGAAGACACCAGAGAAGAAGACTGGCAACAAAGACT
 GTAAGGCAGACATTGCATTTCTCATTGATGGAAGCTTCAATATTGGGCAGCGCCGATTTAATTTGCAGAA
 GAATTTTGTGGAAAGTGGCACTAATGTTGGGAATTGGAACAGAAGGACCACACGTGGGTCTCGTTCAA
 GCCAGTGAACACCCAAAATAGAATTTACTTGAAAACTTTACTTCAGCCAAAGATGTCTTGTGGCCA
 TAAAAGAAGTAGGTTCCGAGGGGGTAACTCCAACACAGGAAAAGCCTTGAAGCACACTGCTCAGAAATT
 CTTTACAGCAGACTGGTGTGAGAAAAGGAATACCAAAAGTGGTGGTAGTGTATTATGATGTTGGCCC
 TCTGATGACATTGAGGAAGCAGGCATTGTGGCCAGAGAGTTTGGTGTCAATGTATTTATAGTTTCTGTGG
 CCAAGCCCATTCCTGAAGAACTGGGGATGGTTCAGATGTTGCATTTGTTGACAAGGCTGTGTGTCGGAA
 TAATGGCTTCTCTTTATCACATGCCCAACTGGTTGGCACTACAAAATATGTGAAGCCTCTGGTGCAG
 AAGCTCTGTACGCACGAACAGATGATGTGCAGCAAAACCTGCTACAACCTCAGTGAACATTGCCTTTCTGA
 TTGACGGCTCCAGCAGTGTGGAGATAGCAATTTCCGCCTCATGCTAGAAATTTGTTTCTAACATAGCGAA
 GACATTTGAAATCTCAGACATTGGAGCCAAGATAGCTGCTGTACAGTTCACCTTATGACCAGCGCACCGAG
 TTCAGTTTCACTGACTATAATACCAAGAGAAGCTCCTAGCTGTCTAGCGAACATCCGCTACATGAGTG
 GTGGCACAGCTACTGGTGTGATGCCATCGCCTTTACTGTTAGAAATGTATTTGGTCCCATAAGGGACAGCCC
 CAACAAAACCTCCTGGTTATTGTACAGATGGGCAGTCTATGATGATGTCCGAGGCCCTGCTGCAGCT
 GCCCATGATGCAGGTATCACCATCTTCTGTTGGTGTGGCTGGGCACCGCTGGATGACCTGAGAGATA
 TGGCCTCTAAACCAAGAGTACACGCTTTCTTACCAGAGAGTTCACAGGGTTAGAACCAATTGTCTC
 TGACGTCATCAGAGGCATTTGTAGAGACTTCTTAGAATCCAGCA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001198835

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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001198835.1](#), [NP_001185764.1](#)

RefSeq Size: 2484 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 (2) differs in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same protein.