

Product datasheet for **MR208757**

Coch (NM_007728) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Coch (NM_007728) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Coch |
| Synonyms: | AW122937; Coch-5B2; D12H14S564E |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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ORF Nucleotide Sequence:

>MR208757 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCCTCGTCCAGGATCCCTGCTCTGCTCGCTCGGTGCGTGGCTGCTGCTGCTGCTGCCCGGTTCCG
 CGCGCGCCGAGGGAGCGGTTCCATTCCCTGTCACTGCTTTACCAGAGGCTGGATATCCGAAAAGAGAA
 AGCAGATGTTCTCTGCCAGGAGCTGCTCTTGAGGAATTCTGTGTTGGAAACATAGTGTATGCG
 TCAGTGTCCAGCATCTGCGGCGCTGCTGTCCATAGGGGAGTGATTGGCACCTCAGGGGACCTGTGCGTG
 TCTACAGCCTTCTGGTGCAGAGAACTACTCTCGGTAGATGCCAACGGCATCCAGTCTCAGATGCTTTC
 CCGATGGTCCGCGTCTTCGCTGTGACCAAGGCAAAAGCAGTACCCAGGAAGCCACAGGACGGGCAGTG
 TCCACAGCCCACCCACCTTCAGTAAAAGACTAAAGAAGACACCAGAGAAGAAGACTGGCAACAAAGACT
 GTAAGGCAGACATTGCATTTCTCATTGATGGAAGCTTCAATATTGGGCAGCGCCGATTTAATTTGCAGAA
 GAATTTTGTGGAAAGTGGCACTAATGTTGGGAATTGGAACAGAAAGACACACGTGGGTCTCGTTCAA
 GCCAGTGAACACCCAAAATAGAATTTACTTGAAAACTTTACTTCAGCCAAAGATGTCTTGTGGCCAA
 TAAAAGAAGTAGGTTCCGAGGGGGTAACTCCAACACAGGAAAAGCCTTGAAGCACACTGCTCAGAAATT
 CTTTACAGCAGACTGGTGTGAGAAAAGGAATACCAAAAGTGGTGGTAGTGTATTATGATGTTGGCC
 TCTGATGACATTGAGGAAGCAGGCATTGTGGCCAGAGAGTTGGTGTCAATGATTTATAGTTTCTGTGG
 CCAAGCCCATTCCTGAAGAACTGGGGATGGTCAAGATGTTGCATTTGTTGACAAGGCTGTGTGTCGGAA
 TAATGGCTTCTCTTTACACATGCCAACTGGTTGGCACTACAAAATATGTGAAGCCTCTGGTGCAG
 AAGCTCTGTACGCACGAACAGATGATGTGCAGCAAAACCTGCTACAACCTCAGTGAACATTGCCTTCTGA
 TTGACGGCTCCAGCAGTGTGGAGATAGCAATTTCCGCCTCATGCTAGAATTTGTTTCTAACATAGCGAA
 GACATTTGAAATCTCAGACATTGGAGCCAAGATAGCTGCTGTACAGTTCACCTATGACCAGCGCACCGAG
 TTCAGTTTCACTGACTATAATACCAAGAGAAGCTCCTAGCTGTCTAGCGAACATCCGCTACATGAGTG
 GTGGCACAGCTACTGGTGTGCCATCGCCTTTACTGTTAGAAATGATTTGGTCCCATAAGGGACAGCCC
 CAACAAAACCTCCTGGTTATTGTACAGATGGGCAGTCTATGATGATGTCGAGGCCCTGCTGCAGCT
 GCCCATGATGCAGGTATCACCATCTTCTGTTGGTGTGGCTGGGCACCGCTGGATGACCTGAGAGATA
 TGGCCTCTAAACCAAGAGTACACGCTTTCTTACCAGAGAGTTCACAGGGTTAGAACCAATTGTCTC
 TGACGTCATCAGAGGCATTTGTAGAGACTTCTTAGAATCCAGCAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208757 protein sequence
 Red=Cloning site Green=Tags(s)

MPSSRIPALCLGAWLLLLLLPRFARAEGAVPIPVTCFTRGLDIRKEKADVLCPGGCSLEEFVFGNIVYA
 SVSSICGAAVHRGVIGTSGGPVRYSLPGRENYSSVDANGIQSQMLSRWSASFAVTKGKSSSTQEATGRAV
 STAHPPSGKRLKKTPEKKTGNKDKADIAFLIDGSFNIGQRRFNLQKNFVGKVALMLGIGTEGPHVGLVQ
 ASEHPKIEFYLNFTSAKDVLFATKEVGFRRGNSNTGKALKHTAQKFFADTGVRKGIKVVVVVFDGWP
 SDDIEEAGIVAREFGVNVFIVSVAKPIPEELGMVQDVAFVDKAVCRNNGFFSYHMPNWFGTTKYVKPLVQ
 KLCTHEQMMSKTCYNSVNI AFLIDGSSSVGDSNFRLM LEFVSNI AKTFEISDIGAKIAAVQFTYDQRTE
 FSFTDYNTKENVLAVLANIRYMSGGTATGDIAIAFTVRNVFGPIRDSPNKNFLVIVTDGQSYDDVRGPAAA
 AHDAGITIFSVGVAWAPLDDL RDMASKPKESHAF FTREFTGLEPIVSDVIRGICRDFLESQQ

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

ACCN: NM_007728

ORF Size: 1659 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_007728.5](#)
RefSeq Size: 2683 bp

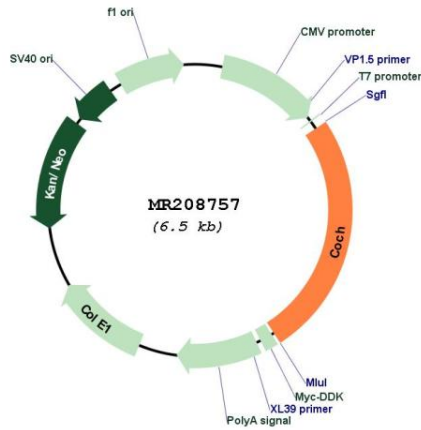
RefSeq ORF: 1659 bp

Locus ID: 12810

UniProt ID: [Q62507](#)

Cytogenetics: 12 22.11 cM
MW: 59.9 kDa
Gene Summary: Plays a role in the control of cell shape and motility in the trabecular meshwork.
 [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR208757