

## Product datasheet for MC224833

### Col4a6 (NM\_053185) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Col4a6 (NM\_053185) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Col4a6  
**Synonyms:** BB116301  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC224833 representing NM\_053185  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGCACCCTGGATTGTGGCTGTTCTGGTTTCCTTATGCTTGACCAAAGAACTGGCAGAATCGGGACAGA  
 AGATGTCCTATGAAAAGCCATGTGGGAGCCGAGATTGCCATGGAGTCTGTACATGCTTTCCTGAGAAAGG  
 AGCAAGAGGGCACCTGGACCAATTGAACTCAAGGTCCAGCCGGTCCGGAAGGGTTTACTGGTCCAAC  
 GGTTTATCAGGTTTAAAAGGAGAAAAGAGGCTCCCCAGGCCCTCTGGACCATATGGATCAAAGGAGATA  
 AGGGTCCCATTGGAGTTCCTGGCTTTGTTGGCATCAGTGGTATTCCGGGCCACCCTGGACAGCCAGGTCC  
 AAGAGGTCACCTGGCCAGATGGCTGTAATGAACTCAAGGAGCTGTTGGATTTCCAGGCCCTGATGGC  
 TACCCTGGGATTTTAGGACCACCTGGGCTGCCTGGTCACAAAGGTGCCAAAGGAGAGCCTGTTCTTTTC  
 AAGGCAGCATTACAGGAATAAGGGGAGATCCTGGGCTGCCTGGACTAGATGGAATCCCTGGTCCATCAGG  
 ATCCTCCGGCTCCTGGAGATGCAGGACCCATAGGACCACCAGGCTTACAAGTCCCCAGGCCCTCCCC  
 GGACTTCCCGTCTGAGGAAAATAGGGTTAGGTTTCAAGGAGAAAAAGGAGTCAAGGGGGATGTTG  
 GCCTCCCTGGCCCTGCAGGACCCTCCATCTACTGGGAACTAGAATTCATGGGATTTCCCAAAGGAAA  
 GAAAGGTTCCAAGGTGAGCCAGGCCCTCCAGGTTTCCAGGAATGAGTGGCCCTCCAGGTGTCCCGGAA  
 TTTGGATCTACTGGAGAAAAAGGAGAAAAGGGATTCTTGGTTTCCAGGACCTAGGGTCCCATGGGTT  
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 AGGGCCTCAGGGATTTCTGGCCTGAAAGGAGACCAAGGAACTCAGGACGTACCACCTTTGGAGAAGCT  
 GGCTACCTGGCAGGGTTGGTTTACCAGGTTTACCAGGCCTGCCAGGCCATCAGGCCACCTGGTCGCA  
 CATTTGAGACTGGACATCTGTCCACATAGAGCCTGGGTTCCCTGGTCTCCAAGGAGAACAAGGTCCAAA  
 AGGACATCAAGGCCTCAAAGGAGTAAAAGGAGACTCTGGTTTTGTGCTTGTGAAGGTGGTGCCCAAC  
 ATTGGACCACATGGGGAACCAGGTCTGCCTGGGATACAAGGTCCCATTGGTCTACAGGGTTTTAAGGGGA



CTAAAGGAGATCCAGGCTCAAGGGGAGCATCTGGTCTGCAGGGACGCCAGGGCTATTTGGACCTAGAGG  
 TCAGACTGGCCTCAAAGGAAAGAAAGGAGAACCACTGTCAAGTAGAGGATCAAAAATGTCAGGGGACAAA  
 GGTGACCTTGGTCTCAGGGTACCCAGGTTTGGCAGGAACTCCGGGCAAGGATGGAAGACCAGGTTTAC  
 CAGGCCTCCAGGCATTCAGGGAGATGGTGGTCTGGCTTCCAGGTGAAAGAGGGTTACCAGGACTTCC  
 TGGTAAAAAGGCCATGATGGTCCAATTGGACCACCAGGAATTGGGCTGCCAGGACCTCTGGGCCCCGT  
 GGACTTCTGGAGATAAAGGAGTAGATGGTTACCAGGGCAACAAGGCCCTCCGTGGAGCTCAAGGAGTCA  
 CCTTCTGTATCATTCTGGTCAATGGTCCATCAGGATTTCTGGAGCTCTGGATTTCCAGGCTC  
 TAAGGGAGCTCGGGCCTCCCTGGAATTCAGGCAAGCCTGGCACTCACGGAAGCAAAGGAGGGCCTGGG  
 AGTCCAGGGTAAATGCATCTCCAGGATTGCCAGGGTTTCTGGAGTTCTGTGGGAGAAGGGATTACCTG  
 GGTTCCTGGGCTTCTGGAAAAGATGGCTACCCTGGGAAAGCTGGCAGTCCAGGGTTACCAGGTTTCAA  
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 GGATAAAAGGCCTTCTGGTCTCAAGGGTCACCTGGCTTCTGGGGAGCCAGGTTTGTAGGCGCTCAC  
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 CCTGGTCTTCTGGTCTTCTGGAGCTGATGGATTAAGGGATTTTCTGGGTCAATTTGAAAGGTGGGAC  
 AACCTGGACAGACTGGTACTTCCGGAGAAAAGGAGACAGAGGGGATCCAGGGCCAGTTGGCATATCTAG  
 TCCAAGACCTCCAATGCTAAACCTTTGGTTCAAAGGAGAAAAGGCTCTCGAGGTTCTGTGGATCGGAT  
 GGATTTCTGGGCCAGAGGTGACAAAGGAGAGCCTGGCATCCCAGGGTTACCAGGTCCACTGGAGCTA  
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 GGGCTCACTGGGACTTCTGGCCTCTGGGAGCAACTGGTATCCCAGGTTTAAAAGGAGATCAAGGCCAAA  
 CACTTGGCATTCTGGAAGCCCAGGACCAAGGGACAGCCTGGAGAATTAGGTTTTAAAGGTGTCAAAGG  
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 CCCTGGAGCTCCTGGTTACATGGACTGAATGGACTTCCAGGCACCAAGGGCACCATGGCACTCCAGGA  
 GCCAGTACTACTGGTGTCTCTGGGCCGGCTGGCCTGCCTGGTCCCAAAGGGGAAAGGGGAGTGCCAGGAA  
 TTGTCATCGGAGATCCAGGGAACAAGGTTCAAAGGGACAAAAGGTGACCAAGGTTCCCAGGCTTCA  
 AGGTCCTGCTGGTACCCCTGGAGCCCAGGCATCTCCTTGGCCTCAGTCATAGCAGGACAGCCTGGTGC  
 CCTGGGGCCGAGGCCTAGATGGAGAACAGGGCCGCCAGGCCCTCCAGGTCTCCAGGTCCCCCTGGGC  
 CATCCTCAGATCAAGGCGATCCTGGAGACTCTGGCTTCCCTGGGATTCCAGGCCTTCAAGGGTTCAAGGG  
 AAACCAAGGACTTCCAGGTTTCTCTGGCCTCTCTGGAGAGCTAGGGCTAAAGGGCATGAGAGGGGAACCT  
 GGCCTCATGGGGACTCCTGGCAAGATCGGGCAACCAGGAGACCCAGGATTTCTGGGATGAAGGGGAAGG  
 CGGGGCCAAGAGGCTTTCCGGCCACAGGGAGCTCCAGGACACACCAATTGCTGAAGCTATGCAGGT  
 TCCTCCAGGACCTTTGGGTCTGCCAGGCATTGATGGTATCCCAGGCCTCATAGGAGACCCGGGTCTCAA  
 GGCTCTGTGGTCTGCAAGGTTCCAAGGCCTACCTGGCATCCCTGGTAAGGATGGCCCCAGTGGGCTTC  
 CAGGCCCATCTGGAATCCTTGGTATCCTGGTCTCCCTGGACTACAAGGACCTCCAGGATTTGAAGGAGC  
 TCCGGGAAATCAGGGCCCCATTGGGCAGCCTGGGATGCCTGGGCACGGTGTGAGAGTGGGCTACACACTA  
 GTAAAACACAGTCAGTCAGAACAGGTGCCACTATGCCCACTGGGATGAGCCGGCTCTGGGTGGGTTACA  
 GCTTGCTCTTCTGGAGGGGAGGAGAAAGCCATAACCAGGATCTGGGATTTGTGGCTCTGCCTGCC  
 CCGATTACGACCATGCCCTTATATACTGCAACATCAATGAAGTGTGCCACTATGCCAGACGCAATGAT  
 AAATCTTACTGGCTCTCCACTACTGCCCCATTCCCATGATGCCTGTGGGCCAGACCCAGATTCCCAGT  
 ATATCAGCCGCTGCTCTGTATGTGAGGCACCCTACAAGCCATTGCTGTACACAGTCAGGACATCATTTGT  
 CCCACAGTGCCCTCTGGGCTGGCACAGCCTCTGGATCGGATACTCCTTCTCATGCACACTGCTGCTGGG  
 GCTGAGGGTGGAGGCCAGTCCCTAGTCTCCCTGGCTCGTGTCTTGGAGACTTCCGGGCCACTCCTTTCA  
 TTGAGTGCAGCGGCGCCCGTGGTACATGCCACTACTTTGCCAACAAGTACAGTTTCTGGCTGACAACGGT  
 GGAGGAGAGAGGGCAGTTTCCGGGAAGAGCCCGTGTCTGAGACGCTGAAAAGTGGGACGTTTACACCAGG  
 GTGAGCCGCTGCCAGGTGTATGAAAACCCCGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_053185

**Insert Size:** 5076 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\\_053185.2](#), [NP\\_444415.2](#)

**RefSeq Size:** 6648 bp

**RefSeq ORF:** 5076 bp

**Locus ID:** 94216

**Cytogenetics:** X F1-F2