

## Product datasheet for **MC220406**

### Col9a3 (NM\_009936) Mouse Untagged Clone

#### Product data:

|                           |                                         |
|---------------------------|-----------------------------------------|
| Product Type:             | Expression Plasmids                     |
| Product Name:             | Col9a3 (NM_009936) Mouse Untagged Clone |
| Tag:                      | Tag Free                                |
| Symbol:                   | Col9a3                                  |
| Synonyms:                 | AV006866                                |
| Mammalian Cell Selection: | Neomycin                                |
| Vector:                   | pCMV6-Entry (PS100001)                  |
| E. coli Selection:        | Kanamycin (25 ug/mL)                    |



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**Fully Sequenced ORF:** >MC220406 representing NM\_009936  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACCGGAGCGCCTGCCCTAGCCCTGCTGCTGCTGGGGCAGCTCCTGACGGCCACCTCCGCGCAGAAAG  
 TGGGACCCCGAGGCCCCCTGGTCCCCAAGGGCCTCCTGGAACCCGGCAAGGATGGCATTGATGGAGA  
 AGCTGGCCCTCCAGGTCTGCCTGGCCTTCCAGGACCCAAAGGGACCTCAGGGAAGCCAGGGAAGCCGGGA  
 GAGGCAGGACTGCCAGGACTGCCTGGTGTAGATGGTCTGACAGGGAGAGATGGACCCGAGGACCCAAAG  
 GTGCCCTGGAGAACGGGGAAGTCTAGGACCCCGAGGCCACAGGACTTGGGGGCAAAGGCCTCCCTGG  
 ACCTCCTGGAGAGGCAGGAGTGAAGTGGCTCCAGGTGGGATTGGTCTACGTGGCCCCCGGGACCTCT  
 GGACTTCCAGGACTGCCTGGCCTCCAGGACCTCCTGGACCTCCTGGAACCTGGAGTCTCCTGAAG  
 GTGCTACTGATCTGCAGTGTCCGCCATCTGCCGCCAGGCCCTCCGGGACCCCGAGGAATGCCGGGGTT  
 CAAGGGGCTACTGGCTACAAAGGGGAACAAGGAGAAGTTGGCAAAGATGGTGAAGGGTGTCTCTGGC  
 CCCCCGGGCCTCCTGGAATCCAGGCACCGTGGGGCTACAGGGGCCACGAGGATTAAGAGGACTTCCAG  
 GGCCACTCGGGCCCCCTGGGGACCGGGTCCCATTGGGTTTCGGGGCCCCCTGGGACCCAGGAGCACC  
 TGGGAAAGTGGGTGACAGGGGTGAAAGGGGACCAGAAGGGTTCCTGGCCCTAAGGGTGACCTGGGCAGG  
 CCTGGTCCCAAGGAATCCCTGGAATGGCTGGGCCAGGCGGAGAACAGGCATGCCAGGCAAGGATGGCA  
 AAGATGGTGTGCCGGGACTTGATGGTGAGAAGGGAGAGGCTGGTCGCAATGGTGGCAAGGAGAGAAAG  
 CCCCAATGGGCTGCCGGGGCTCCCTGGACGAGCAGGGTCCAAAGGCGAGAAGGGAGAACCGGGTAGAAT  
 GGCGAGCTGGGTGAGGCTGGCCCTCTGGAGAGCCAGGTATCCCTGGAGATGTTGGTGTTCAGGGGAGC  
 GTGGTGAGGCTGGTCACAGGGGCTCCGTGGGAGCTCTTGCCCCACAAGGTCCTCCTGGTGTCTGGCAT  
 CGGTGGCTTTCAGGGACAAAAGGCAGCACAGGAGACCTGGCCTTCCGGGCCCCCAAGGCCTACGGGGA  
 GATGTGGGTGACCGGGTCCAGGAGGTGCCACAGGCCCTAAGGGAGACCAGGGCATTGCAGGTTCCGATG  
 GTCTTCCAGGGGACAAAGGCGAGCTGGGTCTAATGGCCCCGTTGGACAAAAGGAGAGTCTGGCAGCCG  
 AGGGGAATGGGCCCCAAAGGCATCCAGGGCCCCAATGGCACCAGTGGAGTCCAGGGTGTACCTGGTCCC  
 CCAGGTCCACTGGGCCTCCAAGGTGTGACGGGTGTCCAGGCATCACGGGAAGCCTGGAGTTCCGGGCA  
 AGGAAGCCAGTGAACAGCGCATCAGGGAGCTATGCGGGGTATGATCAGTGAGCAAAATGCACAGTTGGC  
 TGCACACCTGAGGAAGCCCTTAGCACAGGCTCCATCGGCAGGCCTGGTCCAGCTGGCCCCCAGGCCCT  
 CCAGGCCCTCAGGCTCTATTGGCCACCCTGGCGCTCGGGTCCCCTGGATACCGTGGTCCCCTGGGG  
 AACTAGGAGATCCTGGACCAAGAGGGAGCCAGGGTGACAGAGGGGACAAGGGAGCAACAGGTGCAGGGCT  
 GGATGGGCTGTGGGGACAGGGCTACCAAGGCCTCAAGGTGTACCTGGCATCAGCAAGATGGTCGA  
 GATGGTGTCTATGGTGAGCCTGGCTTCCCGGTGATCCTGGCCTTCTGGAGCTGCTGGTGTCTAGGGTA  
 CCCCAGGATCTGCGACACTTCAGCCTGCCAAGGAGCTGTGTTAGGGGGAGGTGGGGAAGTCCGGGTCC  
 TCGGAGCTCA**AA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_009936

**Insert Size:** 2043 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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** NM\_009936.2, NP\_034066.2

**RefSeq Size:** 2846 bp

**RefSeq ORF:** 2043 bp

**Locus ID:** 12841

**Cytogenetics:** 2 103.14 cM