

Product datasheet for **MC224890**

Col5a3 (NM_016919) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Col5a3 (NM_016919) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Col5a3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224890 representing NM_016919 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGAAGCTGCCGAGACTGGATCAGCTTCAGGCCGGCCTCTGCCTGCTCCTGGCCTCCCTGCAGCTCG
TGTCTGGACGCTGGCTGCAGAACCCTGTGGACGTACTGGAAGCCTGGGGTGTGCATAGAGACCAGGCTGG
GGTGGCTGAAGGGCCTGGCTTCTGCCCCCTGAGGATTCCACAGGGTGACCGAGCATTTCAGGGTGGGCAAG
TCCAGCCTTCTCAGTGTCCCCAGCTGGCAGCTCTCCAGATGGGCATTTTCTGAGAACTTTTCTGTGC
TGCTCACACTGAGGGCCAGCCAGCCAATCAGTCTGTCTTCTGTCTATTTATGATGAGAAGGGTGTCCG
GCAGCTGGGGCTGGCACTGGGGCCAGCTCTGGCCTCCTTGGTACTCCTTCAGGCCCTCCCAAGCAA
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GATGGGAACCCAGGACACCAGGGAAGAGTCTTTGAGGGAGACATCCAGGAGCTGCTGTTAATCCAGAC
CCTCAGGCTGCCTTCCAGCCTGTGAGAGCTACCTCCCTGGTTGTGAAACCCTCGATTCCACAACCACAG
GGCCCCCAAAGACGATGAACCAGAAACCCTGCCCTCGTCGAAAGGGCAAAGGGAAGAAAAAAGG
GCGGGGTGAAAGGGCAAGGGAAGAAAGAAAAACAAGGAGACCTCAGAGCTGAGTCCGACCCTGGTGCC
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CACCTCTGGCCATCACCACCACTGTACGATTGGACAAAATGCCACAGTCTCGCAGGGGTTGGACTCCGG
TACTGAAACCGAGCAGACGACTCCAGAGGTGGACTCTACTGAGGAGGGTGAAGGAGGTGGCCCCACCATG
GGCCCCAAGTTCCGGGCAGCAGAGCAGTCTTACAGACTGAGTCCAGATCTTCTGCTGGTGTGGAGAAA
AGGGAGCGAAAGGAGAGCCTGCGACAGTAGAGCAGGGACAGCAGTTTGGGGCCTGCAGGAGCTCCAGG
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TGCCCTTCCATTTTGAAGCAGCTCGATGAAGGGACCCCAAGTGTCTTCCAGCAGGCCACGGCCCCAGG
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GATTACAGGGCCTCCTGGGCTCCTGGACGGGAAGGCAAGACAGGCCGAGCTGGAGCAGATGGGCTCG
GGGCTCCCGGAGACACAGGACCTAAGGGTGACAGGGCTTTGATGGCTGCCCGGGCTGCCTGGTGAG



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AAGGGCCAAAGGGGTGACTTTGGACGAGTAGGGCAACCTGGTCCCCCAGGAGAGGATGGTGTAAAGGGCC
 TGCAGGGACCTCCAGGGCCACTGGCCAGGCTGGAGAGCCGGGTCCCCGAGGTCTGATTGGCCCCAGAGG
 TCTCCCAGGTCCCCTAGGACGCCCGGTGTGACAGGGAGTGATGGCGCACCAGGGGCCAAAGGCAACGTG
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 CGCCGGGACCCCTGGCCTCTTCGGGCAAGAGGGGATGACGGAGTTCAGGCTTTGTAGGTGTAATTG
 GTCCTCCAGTCTGCAGGGGCTGCCGGTCTCCGGGGGAGAAGGGCGAGGTTGGAGACGTAGGATCCAT
 GGGTCCACATGGAGCTCCAGGCCCTCGGGTCCCCCTGGGCCAGTGATCAGAGGGCCCCCAGGTCTG
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 CCCCAGGAATTCGGCATCCCTGGGCCAAAGGTGAAATTGGTAAAAGGGGGATTGGGTCCATCAGG
 GGCTGCTGGTCCCCAGGCAAGAAAGACCCCCAGGAGAGGACGGCTCTAAGGGGAACATGGTCCACA
 GACTCCCTGGAGATCTAGGGCCCCAGGACCCCTGGAGTTCGGGTATTGATGGCATCCAGGGGAGA
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 CCCTGGCAAGAGGGGTTCCCTGGCCGCATGGGTCCAGAAGGAAGAGAGGGCGAGAAGGGCGCAAGGGGA
 GATGCTGGTCTGATGGACCCCAAGGACAGGACAGGCCCAATTGGGGTCCGAGGGCCCCCTGGACGAATTG
 GGCTGATGGTCTTCCAGGGATCCCTGGTCTGTGGGTGAACCAGGTCTCCTGGGACCTCCTGGGTAAT
 CGGCCCTCCAGGGCCCTGGGCCACCTGGCCTCCCTGGCCTGAAGGGAGATGCTGGCCCCAAGGGGGAG
 AAGGGCCACATTGGGCTAATAGGCCTCATTGGTCCCCAGGGGAGGCCGGTGAGAAAGGCGATCAGGGT
 TGCCAGGTGTGCAGGGCCCCCAGGCCTCAGGGAGACCCCTGGTCTCCCTGGTCTGTGGTCTGTAGG
 TCACCCCTGGGCCCCAGGTGTGGTGGGCCCTCTGGGACAGAAGGGCTCAAAGGGTCCCCGGGATCTCTT
 GGTCTCTGTGGAGACCCTGGACCAGCGGGTCTCCTGGTCCCCCGGGTTCTCCGGCTGAGGTGCATGGCC
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 GTGACGCCTTCAAGTTTTCTGCAACTTACGGCAGGAGGTGAGACCTGTCTCTATCCAGACAAGAAGTT
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 AAGAAGTTCTCTATGTGGATGTGATGGTCCCCGGTGAATGTGGTCCAGTTGACCTTCTGAAGTTGT
 TGAGTGTGCAGCCATCAGAGGTTCACTTACATCTGCCAGAACTCGGTGGCATGGCTGGATGAAGCTGC
 GGGTGACCACAGGCACTCCATCCGCTTCCAAGGGACCAACTGGGAAGAGTTGTCCTTCAACCAGACAACA
 GCAGCTACCATCAAGGTCTCCCATGATGGCTGTGGGTCCGGAAGGGACAGGCGAAGACCCTCTTTGAAT
 TCAGCTCTTGTGGTTTTCTGGCTCTGTGGGATGTGGCTGCCTCTGACTTTGGTCCAGACGAACAAAAA
 GTTTGGTTTTGAACTCGGCTCCATCTGCTTTAGCAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_016919

Insert Size: 5220 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_016919.3](#), [NP_058615.1](#)

RefSeq Size: 6135 bp

RefSeq ORF: 5220 bp

Locus ID: 53867

Cytogenetics: 9 A3