

## Product datasheet for **MC205792**

### Col9a2 (NM\_007741) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Col9a2 (NM_007741) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Col9a2
Synonyms:	A1427499; Col9a-2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC029697  
 CTGCGTTTTCGGGAGATCCAGTCCGAGGCTCCGAAAGCAGCCCCCGCCATCGGTGCTTGGACCCCGCTC  
 CAGAACCCGCTGTTCCGCATGACCGCCGTGCCCGCAGCCCGCAGCCTGTTCTGTTCTCCTCCAGGTGCTGT  
 GGCTCGCCCTGGCTCAGATCAGAGGTCCACCAGGGGAGCCGGGTCTCCAGGGCCACCAGGGCCACCAGG  
 AGTGCCTGGTTCAGATGGCATCGACGGTGACAAGGGCCCTCCAGGTAAGTTGGTCTCCGGGATCCAAA  
 GGAGAGCTGGCAAACCTGGCCAGATGGTCCAGATGGGAAACCTGGCATTGATGGTTAATGGGAGCCA  
 AGGGAGAGCCTGGTCCCCTGGGACCCCTGGAGTCAAGGGCCAGCCTGGGCTCCCAGGGCCCCCTGGCCT  
 GCCGGGCCCTGGTTTTGCTGGACCTCCCGGACCCCTGGACCTGTTGGCCTCCCTGGTGAGATTGGAACC  
 CCAGGCCCAAGGGGATCCAGGACCAGAGGGACCATCAGGGCCCCAGGGCCCCCTGGGAAACCAGGCC  
 GACCAGGAACCATCCAGGGCTTGAAGGGAGTGCGGATTTCTTGTGTCCAACCAACTGTCCAGTGGTGT  
 GAAGGGTCTCAGGGTTTGAAGGAGTGAAGGGTCCATCCAGGCAAACGGGGGATTCTGGGTGATCTGGT  
 CGCCAGGGGAAGCCAGGTCCAAGGGAGATGTGGGTGCCCTGGAGAGCAAGGCATCCCTGGACCACCGG  
 GCCCCAAAGGCATCAGGGGCTACCCGGGCATGGCAGGACCCAAGGGAGAGATGGTCTCGTGGCTATAA  
 AGGCATGGTGGGCTCCATCGGGGCTGCTGGGCCACCGGGTGAAGAAGGCCAAGAGGGCCACCAGGCCGA  
 GCCGGTGAGAAGGGGATGTGGGAGCCAAGGTGCCAGAGACCCAGGGGATAACAGGCCCAAAGGGAA  
 TAACCGGTCCACCAGGCATTGATGGCAAGGATGGGACCCAGGCATTCTGGCATGAAGGCCAGTGCAGG  
 ACAAGTGGGACGGCCAGGAAGCCAGGCCACCAGGGCTTAGCGGGTGTGCCGGGTGAGCCTGGAACAAA  
 GGAGGTCTGGAGACAAGGGTGAACCAGGCCAGCAGGGCTTCCGGGAGTCTCTGGTCCCCTGGGAAAAG  
 AAGGGGAGCCAGGGCCTCGAGGAGAAAATGGTCCACAGGGCATCATGGGACAGAAGGGTGAACAGGGCGA  
 GAGGGGGCCAGTGGGACAGCCAGGCCCTCAAGGACGACAGGGCCCCAAAGGAGAGCAGGGCCCTCCAGGA  
 ATTCAGGACCCAAAGCTTCCAGGCATCAAAGGAGATAAGGGTTCAGGGAAAGACCGGGCCCCGAG  
 GCGGAGTGGGTGACCCGGGGTGGCCGGCTCCCGGGAGAGAAAGGAGAGAAGGGCCAATCAGGCAGCC  
 AGGGCTTAAGGGACAGCAAGGAGTCCGTGGAGAGACCGGCTACCCGGCCCCAGCGGAGATATCGTGTCC  
 CCAGGAGTGCAGGGCTACCCGGGCTTCCCGGGCCCCGAGGACTGGTGGGAGATCGAGGCGTCCAGGAC  
 AACCCGGGAGACAGGGTGTGGTGGGCCGAGCTGCCAGTGACCAGCACATCGTGGATGTGGTGTGAAGT  
 GATTCAAGAGCAACTTGCTGAGGTAGCTGTGAGTGCCAAGCGAGAAGCCCTGGGTGCAGCAGGGATGGT  
 GGCCTTCCAGGACCTCCTGGGCCCTGGATATCCAGGCAAACAGGGGCCAATGGGCATCCCGGCCCC  
 GAGGCATTCTGGCATCGTGGGAGCAGTGGGTGAGATTGGCAACACTGGACCCAAGGGAAAGCGTGGAGA  
 GAAGGGGATCGAGGAGAAAATGGTTCATGGCCATCCCGGGATGCCTGGGCCCCAGGGATCCAGGTCTT  
 CCTGGCCGGCCTGGCCAGGCAATCAATGGCAAGGATGGGGACCGAGGATCCCAAGGGGCTCCAGGAGAG  
 CTGGGAGACCTGGCCGGCCAGGCCAGTGGGGTACCAGTTCCTGTGAGCCTGCCGCATGCTGGGGC  
 TTCAGCCTATACCTCTGCTCGCCTCACAGAGCCTGGGTCCATCAAGGGGCCATGACAACAGCCAGGAC  
 AGAGCCTATTAGTGTCTAGGGTCACTTCTGGGTGGACATGTACTCCAGACCCAGGAGGCTAGATTCTCA  
 GGATCTTCTGAAACCAAGATCCAGGGTCTTGAAGACAAGTTCAGTGAGGGAGGGGTTGGGGAGGGGA  
 GAGCACGGGAGTAAAGGTGAGGCCAACAGAGCCAAGTATTGGAGAGCCACCCCTCCCAAGGGAAAGGGT  
 AGCTTCTCTTCTGGAGTACCAACTACCCTCACCCATGCCTTTCAGCACTGGGCCATCCACCCTCGGG  
 GCAGGGGGGACTGAGGCTTCTGGTGGTCTTACCCTATTCTTATTCTCTGGACTATTTTTATTGGGTAT  
 CTTTTGGGGGAGAATACCTTGAGGTGGCAGTCTTAGGCCAGCCCTGCTATTGCCTGTCTCCCATCCAG  
 TATTTAAACATCCATCTCCCTGTCCCCAGTCTTTTTGCCACACCACTCTGGCCTTTGTGTAATAA  
 AAGTTCCTCAGTTGGTTACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_007741

**Insert Size:** 2067 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>BC029697</u> , <u>AAH29697</u>
<b>RefSeq Size:</b>	2718 bp
<b>RefSeq ORF:</b>	2067 bp
<b>Locus ID:</b>	12840
<b>Cytogenetics:</b>	4 56.78 cM