

Product datasheet for **RN211619**

Col9a2 (NM_001108675) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Col9a2 (NM_001108675) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Col9a2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211619 representing NM_001108675
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGACCGCCTTGCCAGCGCCCCGAGCCTCCTCCTTTCTCCAGGTGCTGTGGCTCGCCCTGGCTCAGA
 TCAGAGGTCCACCAGGGGAGCCGGGTCTTCCAGGGCCACCAGGGCCACCAGGAGTGCCTGGTTCGGATGG
 CATCGACGGTGACAAGGGGCTCCAGGTAAGTTGGTCTCCGGGATCCAAAGGAGAGCCTGGCAAACCG
 GGGCCAGATGGTCCAGATGGGAAGCCTGGCATTGATGGTTTAATGGGAGCCAAGGAGAGCCTGGCCCCA
 TGGGAACCCCTGGAATCAAGGGCCAGCCTGGGCTCCCAGGGCCCCCTGGCCTGCCGGGCCCTGGTTTTGC
 TGGACCTCCGGGACCACCTGGACCTGTTGGCTCCCTGGTGAGATTGGAACCCAGGCCCAAGGGGAT
 CCAGGGCCAGAGGACCATCAGGGCCCCAGGACCCCTGGGAAACCAGGCCGACCAGGAACCATCCAGG
 GCCTGGAAGGGAGTGCAGATTTCTGTGTCCAACCACTGTCTGCTGGTGTGAAAGGTCCCGAGGTCT
 GCAAGGAGTGAAGGGCCATCCAGGCAACGGGGATTCTGGGTGATCCTGGTCCGAGGGGAAGCCGGGC
 CCCAAGGGAGATGTGGGTGCCTCTGGAGAACAAGGTATCCCTGGACCACCGGGTCCCAAGGCATCAGGG
 GCTACCCAGGCATGGCAGGACCAAGGGAGAGATGGGTCTCTGTGGATATAAAGGCATGGTGGGCTCCAT
 CGGGGCTGCTGGGCCACCGGGTGAAGAGGGCCCAAGGGGGCCACCAGGCCGAGCGGTGAGAAGGGGAT
 GTGGGGAGCCAAGGTGCCGAGGACCCAGGGGATAACAGGCCCAAGGGAACAACCTGGTCCACCAGGCA
 TTGATGGCAAGGATGGGACCCCGGCATACCTGGCATGAAGGGCAGTGCAGGACAGGTGGACGGCCAGG
 AAGCCCAGGCCACCAGGGCTTAGCGGTGTGCCAGGTGAGCCTGGAACAAAAGGAGGCCCGGAGACAAG
 GGTGAACCCGGCCAGCAGGGCTTCCCGGAATCTCTGGTCCCCCTGGGAAAGAAGGGGAGCCAGGGCCTC
 GAGGAGAAACTGGTCCACAGGGCATCATGGGAGAGAAGGTGACCAGGGTGAGAGAGGGCCAGTGGGGCA
 GCCAGGCCCTCAAGGACGACAGGGCCCCAAGGGAGAGCAGGGATCTCCAGGAATTCAGGACCCCAAGGC
 TTGCCAGGCATCAAGGAGATAAGGGTTCCCCAGGGAAGACCGGGCCCCGAGGTGGAGTGGGTGACCCGG
 GGTGGCCGGCCTCCAGGAGAGAAAGGAGAGAAGGGCCTGTGAGCGAGCCAGGGCTTAAGGGACAGCA
 AGGAGTTCGTGGAGAGCCGGGCTACCCTGGCCCTAGCGGAGATGCTGGTGGCCAGGAGTGCAGGGCTAT
 CCTGGGCTTCCCGGGCCCCGAGGACTGGTGGGAGATCGAGGCGTGCCAGGACAACCGGGGAGACAGGGTG
 TGGTGGGCGAGCTGCCAGTGACCAGCACATCGTGGATGGTGTGTAAGATGATTCAAGAGCAACTTGC
 AGAGGTAGCTGTGAGTGCCAAGCGAGAAGCCCTGGGTGCAACAGGGATGGTGGGCCTTCCAGGACCTCT
 GGGCCCCCTGGATATCCAGGCAACAGGGACCAATGGGCACCCTGGCCCCGAGGCATTCTGGCATTG
 TGGGAGCTGTGGGTGAGATTGGCAACACTGGACCAAGGGAAAGCGTGGAGAGAAGGGAGATCAAGGAGA
 AATGGGACGTGGCCATCCCGGATGCCTGGGCCACCAGGGATCCAGGTCTTCTGGCCGGCCTGGCCAG
 GCCATCAACGGCAAGGATGGAGACAGAGGTCCCCAGGGGCCCAAGGAGAGGCTGGGCGGCCTGGGCGGC
 CGGGCCAGTGGGGCTCCAGGCTTTTGTGAGCTGCTGCCTGCTTGGGAGCCTCAGCCTATACCTCTGC
 TCGCCTCACGGAGCCTGGGTCTATCAAGGGGCCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108675

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).

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_001108675.1, NP_001102145.1

RefSeq Size: 2954 bp

RefSeq ORF: 2067 bp

Locus ID: 362584

Cytogenetics: 5q36