

Product datasheet for **RN202463**

Col4a3 (NM_001135759) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Col4a3 (NM_001135759) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Col4a3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202463 representing NM_001135759 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCACTCAGAGACTGCTCCAAGTTCTTGGCGCTCTGCTGCCTATCCTGTTGCTGCTCCTGGCTGCC
CGCCTGTGGTTAGCAAGGGCTGTGTCTGCGAAGGCAAAGGAAAAATGCCTCTGCTGGGAACTAAAGGGGA
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TTGCTGACCACAGGGACCCAAGGGCTCCCCAGGACTTCCAGGACTCACTGGCCCCAAAGGCATCAGGG
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AGGGGACAAAGGGGACACACCTTACCCTGGGGACAAGTGGGCGATCCAGGTGATCCTGGACACAGAGGC



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 CCCTTCCAGGAAGCCAGGGCCTCCTGGTGCACCTGGACAGCCAGGAGTAAAAGGAGATCCTGGACCCCT
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 TGCCAGGTTTAAAGGGAAAACCTGGAGACAGAGGGACCTGCCAACGGGACAAGAATGAGAGGCTTCAT
 CTTCACTCGACACAGTCAAACCACAGCCAATCCTTCATGCCCTGAAGGAACACAGCCACTCTACAGTGGG
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 CTTCACTAAATCCAGAAAGAATGTTTCAGAAAACCTATTCCATCAACTGTGAAAGCTGGAGACTTGGAGAA
 AATCATAAGCCGCTGTCAGGTGTGCATGAAGAAAAGACACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001135759
Insert Size:	5013 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:	<ol style="list-style-type: none">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:	<u>NM_001135759.1, NP_001129231.1</u>
RefSeq Size:	5020 bp
RefSeq ORF:	5013 bp
Locus ID:	363265
Cytogenetics:	9q34
Gene Summary:	autoimmunity to the NC1 domain of the human homolog causes the antiglomerular basement membrane (anti-GBM) disease [RGD, Feb 2006]