

Product datasheet for **RN217595**

Col15a1 (NM_001100535) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Col15a1 (NM_001100535) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Col15a1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217595 representing NM_001100535 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACACACAGGAGGACCGCGCAGGGCCGGCGCCGAGGTGGCTGCTCTCCATCATCTCCACGCTGCTTT
CCACCGTCCTGCAGACGCGCGCCGCGACAGGGTCAGCCTCTCAGGACCACCTGGACCTCACAGAGTCAT
TGGTGTCCCATACCCTCATCTGTGCTTTGTACCGGCTATGGTGGTTTCCCGGCTTACAGCTTCCGG
CCTGGGGCCAATGTCGGCCGCCAGCCAGGACCCTCATCCATCGACCTTCTTCAGGGATTTCCGCATCG
GTGTGGCAGTGAAGCCAGTAGTGCCCAAGGGGGCGTGTTCGCTGTTACTGATGCTTTCAGAAAGT
CATCTACCTGGGCTGCGGCTTTCCCGTGTAGAGGACGGCCGCCAGCGGGTTATCCTCTACTACACGGAA
CCCGGCTCCACGTGTCCAGGAGGCTGCTGCTTTCTCGGTGCCGTAATGACTAACAGGTGGAATCGCT
TTGCTGTGACCGTCCAGGGCGAGGAAGCGGTCTTTTCATGGACTGTGAGGAACACAGCCAAGTCTTTT
CCAGCGATCTTCCCGCCGTTGACTTTTGAGCCAGTGCCGGGATCTTTGTGGGCAACGAGGAGCCACC
GGCCTGGAGAGATTTACGGGCTCCATACAACAGCTCATCATCTATTAGACCCAGGACCCCTGAGGAGC
TGTGTGAAGCACAAGAGTCTCGGCATCTGGAGAAGCCAGTGGGTTTCAGGAGATGGATGAAGTTGCTGA
AATCATGGAAGCCGTCACTTACACACAAGCCCCGCCTAAAGAAGCACACGTTGATCCATAAGCATGCC
CCTACTTCATCTCTCTACTGAGGACACAGAGCTTTCTGGGGAACCGGTTCCAGAAGGAACCCAGGAA
CTGACCTGAGCATCACTGGACACAGCAGCCTGAGCAAGGGTCTGGTGAATCCTGAATGATACCCCTGGA
GGTCCGTAAGTGTGGATGGGAACCCAGTACTGATGGTGGTTTCAGGGGATGGGGCCTTGCTGAACGTCAT
GACGGTCAGGGGTTATCAGCAACAGCAACTGGGGAGACCAGGGTGCCTGTCAACCTGCCCTGGAAGTAG
AGAATGGCAGTATGCCCACTGGGAGCCCCACCCTGGCCATGTTTACCCAGAGCTTCAGGGAAGTAGACAT
GCTGGATCTAGAAAATCTAACAACAGCATCAGGGGATGGTGGGTGCCTACCAGCACTGATGTGGACACA
GAGGCTGGCACTTTGCCCACTGGAGGGCCAACCCTGAAGCCAAGAGAAGAGGCCACTCTGGGTTCACTCG
GTGAAGAATGGTCAACCACAGTTGTGTCCAAAGTGCCCTCAATGCCTTTGAGGAAGAGGAAGCCAGCGG
GACTGCCATCGACAGCCTGGATGCCTTCACACCCACAGTGGTCTTGAGCAAGCCAGCGGACCCCTACA
GACATTCAGGCTGCTCTACCAACACAGTGGCCCTGAGCAAGTGTTCGCTGCTGACCCACAGATGGAG
AAGACCTGGTGAATTCTACAGAGGAATCTGACGAGGAGGATCTGGTAGCACCTCCCCATAGGGCCCCC



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GCTCTCCAAACCCACAGTGAAGTCCAGAGAGGAGGTCACCTGGCAGGAGTGGAGGCCGAGGGGTGAGAC
 CCTGTTTGGGGCTGGACGTGGGCTCAGGCTCTGGAGACATTGTGGGCAATGAAGATCTGTTGAGAGGTC
 CTCCAGGTCCCCAGGCCACCGGGATCACCTGGGATTCCAGGAAACAGGAACATGATGTTTCGTGGG
 ACCTCTGGGTCTCTGGAGAGGATGGAGCTCTGGTGAAGCAGGACCCAGGGCCCTGAGGGACAGCCT
 GGACTTGATGGAGCCTCTGGCCAGCCTGGAATGAAAGGAGAGAAGGGAGCAAGAGGACCTAACGGCTCCG
 TTGGCGAGAAGGGCGACCTGGCAGCCGAGGCTTACCAGGGCCCCAGGGAAGACGGAGAAGTTGGTAT
 CCCTGGGGCCATGGGACCGCCGGGGCTCTGGACCCCTGGGCTCCAGTCCGGGATGTACAACCAAG
 CTTGGATTGAGATTGAAGGCTCTGGGGACACCCAGCTGCTGAGCAAAACCCAGAATCTCGGGACCCCTCT
 CTCCAAGTGCTCCAAAGGAGAAAAAGGAGAACAGGAGCCAAGGTGAACGGGGACAGACGGAATCAG
 CACTATGGGGCTCTGGGCCAGGGGGCCACCTGGACGTGTTGAGGTCTGTCCAGTCTTTGATCAAC
 ATCACCAATGGATCCATGAATTTCTCAGACATTCTGAGCTCATGGGGCTCCGGGGCCAGACGGTGTGC
 CGGGGCTGCCAGGGTTTCCAGGGCCAGAGGACCAAAAGGTGACACTGGTGTGCCTGGATTCCCAGGTCT
 AAAAGGAGAACAGGTGAGAAGGGAGAGCCTGGAGCCATCTTGACTGGGATATCCCTCTGGAATGGT
 AAGGGGAGAAAGGTGAACCTGGAGTTCATGGAGCACCAGGACCTATGGGACCAAGGACCACGGGAC
 ACAAGGAGAATTTGGCCTCCCAGGACGACCTGGTCGCCAGGATTGAATGGCCTCAAGGTGCCAAAGG
 AGACCGCGGGATCATGTTGCCTGGTCCACCTGGCTACCTGGACCCCAAGGGCCCCAGGACCCCTGGA
 GCTGTGGTTAACATCAAAGGTGCTGTTTTTCCAATACCTGCCCGCCGCACTGCAAAACACCAAGTTGGTA
 CCGCTCACCTGGTGACCCAGAGCTTGCTACTTTCCACGGTGTTAAAGGAGAGAAAGGTCTGGGGTCT
 TCCTGGCAGAAAGGAGAAAAGGGGGACCAAGGAGCTCAAGGACCACAGGCCCTCCAGTGGACCCGCT
 TACCTGAGACATTTTCTCAACAGCCTGAAGGGGAGAAATGGAGATGCTGCATTGAGGAGAGTCCAGCC
 ACAACCTCTTTGTATCAGGGCTCCAGGCCTACCAGGACCCAGGCCTGGCTGGCAGAAAGGAGAGGC
 GTTGTGGGGCTCAAGGACCCCAAGGAAATCCAGGCCTGCCTGGGCCACCTGGCTTTGGGAGACCTGGT
 GTTCTGGACACCGGGACCCCTGGGCCACAGGACCTCCGGCATTCTGGGTGCAGCTGTGCCCTTC
 CCGGCCACCTGGCCCTCCAGGACAGCCAGGACTCCCGGATCCAGAACTTGGTCACAGCGCTCAGTGA
 CATGGGTGACATGCTACAGAAAGCTCACTGGTATAGAAGGGACGTTTCTACCTGAGGGAAAGTGGG
 GAGTTTTTCTTCGTGTCCGAGATGGTTGGAAAAAGTTGCAAGTTGGGAGAACTGATCCCCATTCTGCTG
 ACAGCCCCCACCACAGCACTTCCAGCAATCCGTACCAGCCACAGCCTCCACTGAACCCATTTTAAG
 TGCCAATTACGAGAGACCTGTTCTGCACCTGGTTGCTCTCAACACGCCGGTGGCTGGGGACATCCGAGCA
 GATTTCCAGTGTTTCCAGCAGGCCAGGGCTGCAGGACTACTGTCCACCTCCGAGCGTTTCTGTCATCAC
 ACTTGCAGGATCTCTCCAGATTGTGCGGAAGGCAGAGAGATTAGTCTTCCAATTGTGAACCTCAAGGG
 CCAAGTGCTTTTAACTGGGACTCAATATTTCTGGTGATGGAGGTCAATTCAATACACATTCCG
 ATATACTCTTTGATGGTCGGGACGTGATGACTGATCCTTCTGGCCGAGAAAGGTTGTTTGGCAGGGCT
 CCAACCCCATGTTGTCCGCTCGTGGACAAGTACTGTGAAGCCTGGCGAACACGGACATGGCAGTAAC
 AGGATTTGCCTCCCACTGAGCACAGGGAAGATTCTGGACCAGAAAGCATATAGCTGTGCTAATAGGCTA
 ATCGTTCTGTGCATCGAAAACAGTTTCATGACAGACGCAAGGAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001100535

Insert Size:

4038 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).

OTI Annotation:

Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	<u>NM_001100535.1, NP_001094005.1</u>
RefSeq Size:	5193 bp
RefSeq ORF:	4038 bp
Locus ID:	298069
Cytogenetics:	5q22