

Product datasheet for RN209139

Col17a1 (NM_001106366) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Col17a1 (NM_001106366) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Col17a1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209139 representing NM_001106366 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATGTGACCAAGAAAAGCATGCGAGATGGCACTGAAGTCACTGAGAGAATTGTCACGGAAACAGTAA
CCACAAGACTCACATCCTTACCACAAAAGGGAGCACCAGCAATGGATACACTAAGACAGGCTCTCTGGG
TGGAGGAAGCCGGCTAGAGAAAACAAAGTTTGACCCATGGAAGCAGCGGCTACATCAACTCAAGCGGAAGC
CTCCGAGGCAACGCTTCCACCTCCAGTTACAGGAGAGCTCACTCACCTGCCTCGACCCTGCCAACTCTC
CTGGCTCCACTTTGAAAGGAAAACACTCACATGAGCCGCCATGGAACCTACGAAGGGAGCTCCAGTGGCAA
CTCCTCACCTGAGTATCCACGGAAGGAACTCGCCTCTTCTTCAACCAGAGGACGAAGCCAGACACGAGAG
AGCGAAATTCGAGTTCGACTACAGAGTGCCTCGCCATCCACCAGATGGACAGAAGTGGATGAAGTGAAGC
GCTTGCTGAAGGGGAGCCGATCTGCCAGTGCCAGCCCCACCAGGAACACCTCCAACACACTCCCTATCCC
CAAGAAAGGCACCGTAGAAACAAAACGGTGACAGCGAGCTCCCACTCAGTGTGAGGAACCTATGATTCA
ACAATACTGGACAGCAACTTCCCCCCCACATGTGGTCTTCCACCTTGCCGGCAGGGTCTCCATGGGGA
CCTATCACAACAACATAGCGACCCAGAGCACATCCCTCGTCAACACCAATGCCTACTCAGCAGGATCAGT
CTTTGGAGTGCCAAATAACATGGCGTCTGCTCTCCACCCTGCACCCAGGACTCAGCAGCTGCTCCTCA
GTGTTTGGCATGCAGAACAATCTGGCCCCCTGCTCTTCTGTCTCTCCATGGCACAACCACGGCTCCA
CAGCATATGGTGTGAAGAAAACGTCGCCACAGCCACCCACTGTACCAGCACCGCGTGTCCACCTCTGC
CGCCTGCACCACCAAGTGTCCAGAGCGACGACCTTTCATAAAGACTGCAAGTTCCTGATTCTGGAGAAA
GACAACGTGCCCGCCAAGAAGGAGATGGAGCTCTTGATCATGTCCAAGGACAGTGGGAAGGTCTTCACTG
CCTCCCCCGCCAGCATCTCTTCAACTTCTTTTTAGAGGACACCCCTGAAAAGGAGAAGCAGGCTGCGTA
TGCCGCTGACACATGTCTAAAGGAGATGTGAACGGAGACCTAAACACTGTGCTACGAAGAGCAAAGCC
ATCTCGGCAGAAAACACAGCTACGACCGAGGTGTCGGTGGTGGCAGAGGCAAAGCGGAGTCGCCGGCG
GTGGTGGTGGTGGTGGCGCGCGGCGCAGCGCGCGGAACATGGGGGCTGCACCTGCCTGGTGGCTCTG
CGGCTCCTGCTGCAGCTGGTGAAGTGGCTGCTGGGCTGCTCACTTGGCTGCTGCTGGTGGTGGTGGT
CTCTTCGGCCTCATTGCCCTGGCGGAGGAGTAAGGAAGCTGAAGGCCCGCGTGGAGGAGCTGGAAGAAGA
CCAAGGTGCTATATCATGACATCGTCAAGACGGACCGAAGCAGCAGGGACCGCCTCCAGGTGAGGCACC



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CAGCCTGGGACCTGGATTAAGCAAGGCTGAAATGGACGACTACGCCAGGAGGCCATCTGGCTGTTTGT
 AGGAACAAGCTGATGACAGAGCAGGAGAACGGAATCTCAGAGGAAGTCTGGTCCAAAAGGTGACACGG
 GGAGTCAAGGACCTAAAGACCGTGGCCTTCTGGGATCCCAGGTACCCCTGGGCCCTGGGCCACCCCG
 CCCGGAAGGACCAAAGGGACAAAAGGCAGCATTGGAGATCCAGGCATGGAAGGACCCATAGGCCAGAGA
 GGACTAGCAGGCCCATGGGACCTCTGGTGAACCTGGGCTCCGGGTCTGGAGAGAAAGGAGACAGAG
 GGATTGCTGGAGAACAAGTCTCGGGTCTTCCCGGTGTCCCGGTCTCCGGGTCTCAGAGGTACCAG
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 CCAGAGGCCTCACAGGGAGCCTGGCATCCGAGGTCTGCCTGGAGCTGTGGGTGAACCTGGAGCCAAAGG
 AGCAATGGGTCCCCTGGCCCCGATGGACAGCAAGGTTCCAGAGGTGAACAAGGCCTGACTGGGATGCCT
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 AGGGACTTCTGGTACCCCTGGCCGACCAGGGACTAAAGGTGAACCTGGCGCTCCAGGCAGAGTCATGAC
 TTCAGAGGGATCCTCAGCAATCACTGTGCCGGACCTCCCGACCTCCCGGTGCCATGGGACCCCAAGG
 CCTCCAGGGACTCCAGTCCGGCTGGCCCTGCTGGTCTCCAGGACAACAAGGCCACGAGGGGAGCCGG
 GACTTGTGGGGACTCCTTCTAAACAGTGGCAGTTCATCTCGAAGTCTCTCTGCCAAGGTGTTGA
 CTTTCAGGTCCTCCCTGGCCACCTGGCCACAGGGGCCACCAGGGCCTTCCATTCCAGGCCACCAGGA
 CCCAGAGGCCACCAGGGGAAGGCGTACCAGGCCACCCGGGCCACCAGGATCCTTCTGACTGACTCGG
 AAACCTTCTTCTGACCCTCCAGTCCACCTGGCCCCCAGGTCCCAAGGGAGACCAAGGTGACCCCGG
 TGTCACAGGACTCCTGGCATCCCTGGTGGTCTTCTCATGGGACGTCGTAGGCACTATGTACGCACAG
 GGCCACCTGGTCCCCAGGACCTCTGGGCTCCAGGATCTCTCAGCAGCTCCGGCCAGGAACTCCAGC
 GCTATATTGCAGAGTACATGCAAAGTGACAACATCAGGACTTATCTCAGGAGTTCAGGGTCCCCCGG
 CCCACAGGTCCCCAGGGCCTGTATCACCATCACAGGGGAGACTTTCGACTACTCCAGTGGCAAGC
 CAGTTGTGAGTTACTTGGCATCATCAGGCTATGGTGTGGCTTGTCTCTGCCTCCTCAGAAGATA
 TCTTGGCCATGCTGAGACGCAATGATGTGTGGCAGTACCTACGTAGCACCTGGTGGGCCCTCCGGTCC
 CCCGGGACCACCAGGAGTCAGTGGAGATGGGTCCCTCCTGTCTTTGGACTATGGAGAGCTAAGCAGACAC
 ATTCTCAACTATATGTCAAGTCTGGGATCAGCTTTGGGCATCCTGGACCACCGGGCCCCCTGGCTGC
 CAGGAACATCCTATGAGGAGCTACTGACCATGCTCCGAGCTGCTGGTCTGTCTCCATCGCAGGCCCCCC
 GGGCCCCCAGGTCCCCAGGCTCTCGAGGGCCCCGGGTGTGTCAGCAGCTCTGGCCACCTACGCAGCT
 GAGAACAGTGACAACCTCCGAGTGAGCTGATTAGCTACCTTACAAGTCTGATGTCCGCAGCTTCATCG
 TTGGCCCTCCAGTCTCCAGGGCCACAGGGACCCTGGAGACTACAAGTGGGTAGCGGCTCCTCAGC
 CAGAAGGGGCACTTCTACAGCTTTCATGGGCACAGGGAGAACCAATGGTGGTCCCTGGGCGAAGGT
 GGAGCCTTTGGTGCAGGAGATGGGGGCCCTACGGCACTGACGTCCGCCAGGCGGAGGCTACGGGGCAG
 CTGCAGGTGGTGGTGTATATGGACCAATGGCGAATCATTCCGGGGCAGTTCCTGAGGACCTAGATTA
 TAACACGCTGGCATTGCGGGTGTGCGAGAGCATGCAGCGTCAGGGTCTGTACAAGGGATGGCCTACACT
 GTCCAGGGCCCCACAGGGCCACAAGGCCCTCCTGGCATCAGCAAGGTCTTCTCTGCCTACAGCAACGTGA
 CACAAGACCTCATGGACTTCTCCGAACATATGGCGCTATCCAGGACCCCTGGGCAGAAAAGGAGACAT
 GGGAAACCCAGGTCCCAAAGGTGACAGGGGCCCTGCTGGACCACGAGGTCTCCGGGGCCCCGGGCC
 CGAGGGAAACAAAGGAGAGAAAAGGGGATAAAGGTGACCAAGTCTATACTGGGAGGAGGAAGAGAAGTATTG
 CCATCAAGCCATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001106366

Insert Size:

4284 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_001106366.1, NP_001099836.1</u>
RefSeq Size:	5433 bp
RefSeq ORF:	4284 bp
Locus ID:	294027
Cytogenetics:	1q54