

Product datasheet for **SC212891**

Collagen IV (COL4A5) (NM_033381) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Collagen IV (COL4A5) (NM_033381) Human 3' UTR Clone
Symbol:	Collagen IV
Synonyms:	ASLN; ATS; CA54; collagen, type IV, alpha 5; collagen IV, alpha-5 polypeptide; collagen of basement membrane, alpha-5 chain; dA24A23.1; dA149D17.3; MGC42377; MGC167109; OTTHUMP00000023838; type IV collagen alpha 5
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_033381
Insert Size:	1197 bp



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Insert Sequence: >SC212891 3'UTR clone of NM_033381
 The sequence shown below is from the reference sequence of NM_033381. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGATGTCAAGTGTGCATGAAGAGGACATAACATTTTGAAGAATTCCTTTTGTGTTTTAAAATGTGATAT
ATATATATATAAAATTCCTAGGATGCAGTGTCTCATTGTCGCCAACTTTACTACTGCTGCCGTCAATGG
TGCTACTATATATGATCAAGATAACATGCTGACTAGTAACCATGAAGATTCAGATGTACCTCAGCAATG
CGCCAGAGCAAAGTCTCTATTATTTTTCTACTAAAGAAAATAAGGAAGTGAATTTACTTTTTGGGTCCAG
AATGACTTTCTCCAAGAATTATAAGATGAAAATTATATTTTTGCCAGTTACTAAAATGGTACATTAA
AAATTCATTAAGAGAAGAGTACATTGAGTAAAATAAAAGACTGCAGTTTGTGGGAAGAATTATTTTT
CACGGTGTACTAATCCTGCTGTATCCCGGGTTTTAATAATAAAGGTGTTAAGCTTATTTTTGCTTTGTA
AGTAAAGAATGTGTATATTGTGAACAGCCTTTTAGCTCAAATGTTGAGTCATTTACATATGACATAGC
ATGAATCACTCTTACAGAAAATGTAGGAAACCCTAGAATACAGACAGCAATATTTTATATTCATGTTT
ATCAAAGTGAGAGGACTTATATTCTACATCAAGTTACTACTGAGAGTAAATTTATTTTTGAGTTTTATC
CCGTAAGTTCTGTTTTGATTTTTTTTTAAAAACAAACCCTTTTAGTCACTTTAATCAGAATTTTAAATG
TTCATGTTACATACCAAATTATAATATCTAATGGAGCAATTTGTCTTTTGCTATATTCTCCAAGATTAT
CTCTTAAGACCATATGCCCCCTGTTTTAATGTTTCTTACATCTTGTTTTACTCATTCTGACTGGACA
AAGTCTTCCAACAATTCTGAGAAACAAAACACACACGAGCAATTAACAATCTTTCCCTGTGCTT
CTTATGTAAGAATCCTCCTGTGGCCTCTGCTTGTACAGAACTGGGAAACAACACTTGTTAGTCTCTTT
TAAGTTACAAAAGCCAATTGATGTTTCTTATTCTTTTTAAATTTTAAATATTTTGTATAAATACTCA
CAGGATACCTTATTTCCCTAGCTATCATCTCTGACTTAATGTTTTTTAAACCCCAATATAAATTTA
ATTAAGATATATGTTGTAAGGAT
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_033381.1](#)

Summary: This gene encodes one of the six subunits of type IV collagen, the major structural component of basement membranes. Mutations in this gene are associated with X-linked Alport syndrome, also known as hereditary nephritis. Like the other members of the type IV collagen gene family, this gene is organized in a head-to-head conformation with another type IV collagen gene so that each gene pair shares a common promoter. Alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq, Aug 2010]

Locus ID: 1287

MW: 47.8