

Product datasheet for SC212888

Collagen IV (COL4A5) (NM_033380) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Collagen IV (COL4A5) (NM_033380) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: COL4A5
Synonyms: ASLN; ATS; ATS1; CA54
ACCN: NM_033380
Insert Size: 1197 bp
Insert Sequence: >SC212888 3'UTR clone of NM_033380

The sequence shown below is from the reference sequence of NM_033380. 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
CGATGTCAAGTGTGCATGAAGAGGACATACATTTTGAAGAATTCCTTTTGTGTTTTAAATGTGATAT
ATATATATATAAAATTCCTAGGATGCAGTGTCTCATTGTCCCACTTTACTACTGCTGCCGTCAATGG
TGCTACTATATATGATCAAGATAACATGCTGACTAGTAACCATGAAGATTAGATGTACCTCAGCAATG
CGCCAGAGCAAAGTCTCTATTATTTTTCTACTAAAGAAATAAGGAAGTGAATTTACTTTTTGGGTCCAG
AATGACTTTTCTCAAGAATTATAAGATGAAAATTATATTTTTGCCAGTTACTAAAATGGTACATTAA
AAATTCATTAAGAGAAGAGTACATTGAGTAAAATAAAAGACTGCAGTTTGTGGGAAGAATTATTTTT
CACGGTGTACTAATCCTGCTGTATCCCGGTTTTTAATATAAAGGTGTTAAGCTTATTTTGCTTTGTA
AGTAAAGAATGTGTATATTGTGAACAGCCTTTTAGCTCAAAATGTTGAGTCATTTACATATGACATAGC
ATGAATCACTCTTTACAGAAAATGTAGGAAACCCTAGAATACAGACAGCAATATTTTATATTCATGTTT
ATCAAAGTGAGAGGACTTATATTCCTACATCAAGTTACTACTGAGAGTAAATTTATTTGAGTTTTATC
CGTAAGTTCTGTTTTGATTTTTTTTTAAAAACAAACCCTTTTAGTCACTTTAATCAGAATTTAAATG
TTCATGTTACATACCAAATTATAATATCTAATGGAGCAATTTGTCTTTTGCTATATTCTCCAAGATTAT
CTCTTAAGACCATATGCCCCCTGTTTTAATGTTTCTTACATCTTGTTTTACTCATTTCTGACTGGACA
AAGTTCTTCCAAACAATTCTGAGAAACAAAACACACGCGAGAATTAACAATTCCTTTCCCTGTGCTT
CTTATGTAAGAATCCTCCTGTGGCCTCTGCTTGTACAGAACTGGGAAACAACACTTGGTTAGTCTCTTT
TAAGTTACAAAAGCCAATTGATGTTTCTTATCTTTTTAAATTTAAATATTTTGTATAAAACTCA
CAGGATACCTTATTTCCCTAGCTATCATCTCCTGACTTAATGTTTTTAAACCCACCAATATAAAATTA
ATTAAGATATATGTTGTAAGGAT
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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:	<u>NM_033380.3</u>
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