

Product datasheet for SC212889

Collagen IV (COL4A5) (NM_000495) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Collagen IV (COL4A5) (NM_000495) Human 3' UTR Clone
Symbol:	Collagen IV
Synonyms:	ASLN; ATS; ATS1; CA54
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000495
Insert Size:	1197 bp
Insert Sequence:	>SC212889 3'UTR clone of NM_000495 The sequence shown below is from the reference sequence of NM_000495. 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
CGATGTCAAGTGTGCATGAAGAGGACATAACATTTTGAAGAATTCCTTTTGTGTTTTAAATGTGATAT
ATATATATAAAATTCCTAGGATGCAGTGTCTCATTGTCCCACTTTACTACTGCTGCCGTCATGG
TGCTACTATATATGATCAAGATAACATGCTGACTAGTAACCATGAAGATTCAGATGTACCTCAGCAATG
CGCCAGAGCAAAGTCTCTATTATTTTTCTACTAAAGAAATAAGGAAGTGAATTTACTTTTTGGGTCCAG
AATGACTTTCTCCAAGAATTATAAGATGAAAATTATATTTTTGCCAGTTACTAAAATGGTACATTAA
AAATTCATTAAGAGAAGAGTCACATTGAGTAAAATAAAAGACTGCAGTTTGTGGGAAGAATTTTTTT
CACGGTGTACTAATCCTGCTGTATCCCGGTTTTTAATAAAGGTGTTAAGCTTATTTTGCTTTGTA
AGTAAAGAATGTGTATATTGTGAACAGCCTTTTAGCTCAAAATGTTGAGTCATTTACATATGACATAGC
ATGAATCACTCTTACAGAAAATGTAGGAAACCCTAGAATACAGACAGCAATATTTTATTTATTCATGTTT
ATCAAAGTGAGAGGACTTATATTCCTACATCAAGTTACTACTGAGAGTAAATTTATTTTGTGTTTTATC
CCGTAAGTTCTGTTTTGATTTTTTTTTAAAAACAACCCCTTTTAGTCACTTTAATCAGAATTTTAAATG
TTCATGTTACATACCAAATTATAATATCTAATGGAGCAATTTGTCTTTTGTCTATATTCCTCAAGATTAT
CTCTTAAGACCATATGCCCCCTGTTTTAATGTTTCTTACATCTTGTTTTTACTCATTCTGACTGGACA
AAGTTCTTCCAAACAATTCTGAGAAACAAAAACACACGCAGAATTAACAATTCTTTCCCTGTGCTT
CTTATGTAAGAATCCTCCTGTGGCTCTGCTTGTACAGAAGTGGGAAACAACACTTGTTAGTCTCTTT
TAAGTTACAAAAAGCCAATTGATGTTTCTTATTCTTTTTAAATTTAAATATTTTGTATAAAATACTCA
CAGGATACCTTATTTCCCTAGCTATCATCTCCTGACTTAATGTTTTTTAAACCCACCAATATAAATTTA
ATTAAGATATATGTTGAAGGAT
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG

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Restriction Sites:	Sgfl-Mlul
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_000495.5</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