

Product datasheet for **SC214469**

Collagen IV alpha 6 (COL4A6) (NM_001847) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Collagen IV alpha 6 (COL4A6) (NM_001847) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	COL4A6
Synonyms:	CXDELq22.3; DELXq22.3; DFNX6
ACCN:	NM_001847
Insert Size:	1416 bp



[View online »](#)

Insert Sequence: >SC214469 3'UTR clone of NM_001847
 The sequence shown below is from the reference sequence of NM_001847. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGCTGCCAGGTGTGTATGAAAAGCCTGTAGGGTGGCACCTGCCACTCTGCCCTTGCCTCCCTGCC
CTCACAACAGTCACCTCACAACCTGAATGGTCTGAAGAAGGAAGGCTGAGCCCTTTGCCTGTCAAG
TTGTACATTGGAGTCTCATTGGGCTAGACTACCGGACACTCGTCACCCAGCCCTGGGTCCATAGAG
ATGAGCCACCCTGCTGAGATCTGCTGTCTGTTCTGTCAAGCTGGTGTACTGTTGATTGGATGA
TTGTGTGACTATTCATGGCTACCTCAGAAAAGATTTGATGGGCCACAAGTCTTAGACTGCTAGCTTTC
TCCTTACCGTCTTGATCGGAAAGCTCTTCTAATCGTAATCAGTCATTTCTTACGTACAGAGGTCAG
CACACATTATTTGGCTTAAACCAGAACCAGTGTTCACACTTAAATCTCTAACCGAATATTCATGG
ATGGCTCAAGTCTGCACAGAGCAAGTCCCTACTTCAAGGAGGCCCACTGTGTCTAGGCAGGCAAGAG
AATTGAAATGAGGTGCCACCCAGTAGCCAGAGTGAGCTTTAGCTCTCTCTAGAATGAGCAAGACTGGG
CCCCACATGGCTTAGAGAGGCTTGAAGGCCAGCAGCTGGGTTGGGGTGGTGGTCATTAATGGCATATG
GTCCTAGACAAACCATCTCCTCCTTGGCCGCTCCCCCTCCAGCCAGAGACAGAGGATGTGGCCTGGTTC
AAAGTAAAGCAGAGGATGCAACAAATGTGGCCAAGCCTATCAAAGGAAATGAGAAATGACAGCCTTTTTT
CCTGGGCCAGAAGTAGAGGGGTGGGTGCGTAAGGATGTGTGAGTTTTGCTTTTACTCCAGGAACAAAA
AGGTAATCCCACATCCCAGTTTCTCAGAAGTCCCTGTTTATTCCAAATGCCATCCAGATGTGTGCAAT
GTGGCAAACTGAAGCTGCACAGTGTGGTTTCTTGTATTCTGAGGATGTTAAAGACTTTGTTAAATGG
TTATCCAATTGCTTTTACAGGTAGCCTATAAACTATTTAATATGTTTTTTAAACCTCATAAAAA
TCTAGCAGACTCTTCTTGGAGCAGTTAGCAGACCTAAAGCAAGCCTGAATTGGCTATGCGATACATTG
TATTCTGTTTGGGGGAATTTGTTTTAGCCATTTTCTTAAATTACAGTTTTCCAGAACACTCTTAGCTA
TGTTGACATGAGGCAGTTCCTTCCAGGTGATTCTGTTTCTTAAAGTATTATATAAACTGTGCCAATACA
GACAAAGCATAATCAATATAATCTGAATTATTGTTATCTTTACCTCCTGAGTAATAAGCATGGTGTGAC
TTTTGTACATAGCAAATAAAATAAATGAAATCTGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
  
```

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_001847.4](#)

Summary: This gene encodes one of the six subunits of type IV collagen, the major structural component of basement membranes. 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, alpha 5 type IV collagen, so that the gene pair shares a common promoter. Deletions in the alpha 5 gene that extend into the alpha 6 gene result in diffuse leiomyomatosis accompanying the X-linked Alport syndrome caused by the deletion in the alpha 5 gene. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2013]

Locus ID: 1288

MW: 52.8