

Product datasheet for **SC215248**

COL11A1 (NM_001854) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	COL11A1 (NM_001854) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	COL11A1
Synonyms:	CO11A1; COLL6; DFNA37; STL2
ACCN:	NM_001854
Insert Size:	1576 bp



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Insert Sequence: >SC215248 3'UTR clone of NM_001854
 The sequence shown below is from the reference sequence of NM_001854. 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
GAAGTTGGTCCTGTTTGTTCCTGGCTAAGATTAAGACAAAGAACATATCAAATCAACAGAAAATATA
CCTTGGTGCCACCAACCCATTTTGTGCCACATGCAAGTTTGAATAAGGATGGTATAGAAAAACAACGCT
GCATATACAGGTACCATTTAGGAAATACCGATGCCTTTGTGGGGCAGAATCACATGGCAAAAGCTTTG
AAAATCATAAAGATATAAGTTGGTGTGGCTAAGATGGAACAGGGCTGATTCTTGATTCCCAATTCTCA
ACTCTCCTTTTCTATTTGAATTTCTTTGGTGTGTAGAAAACAAAAAAGAAAAATATATATTCATAA
AAAATATGGTGTCTATTCTCATCCATCCAGGATGTAATAAACAGTGTGTTAATAAATTGTAATTATT
TTGTGTACAGTTCTATACTGTTATCTGTGTCCATTTCCAAAACCTGCACGTGTCCTGAATTCCATCTG
ACTCTAATTTTATGAGAATTGCAGAACTCTGATGGCAATAAATATATGTATTATGAAAAATAAAGTTG
TAATTTCTGATGACTCTAAGTCCCTTTCTTTGGTTAATAATAAAATGCCTTTGTATATATTGATGTTGA
AGAGTTCAATTATTTGATGTCGCAACAAAATTCTCAGAGGGCAAAAATCTGGAAGACTTTTGAAGCA
CACTCTGATCAACTCTTCTGCGGACAGTCATTTTGTGAATTTAGCCAAAAATATTATGCATTTTG
ATGCTTTATTCAAGGCTATACCTCAAACCTTTTCTTCTCAGAATCCAGGATTTACAGGATACTTGAT
ATATGGAAAAACAAGCAAGTTTATATTTTGGACAGGAAATGTGTGTAAGAAAGTATATTAACAAATCA
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GTGCTTCAATAATGCAGGTTAATATTAAGATGGAATTAAGCAATTTTATGAATTTGTGCAATGTT
AGATTTTCTTATCAATCAAGTTCTTGAATTTGATTCTAAGTTGCATATTATAACAGTCTCGAAAATTAT
TTTACTTGCCCAACAAATATTACTTTTTTCTTTTCAAGATAATTTATAAATCATTGACCTACCTAAT
TGCTAAATGAATAACATATGGTGGACTGTTATTAAGAGTATTTGTTTTAAGTCATTCAGGAAAATCTAA
ACTTTTTTTTCCACTAAGGTATTTACTTTAAGGTAGCTTGAAATAGCAATACAATTTAAAAATAAAAA
CTGAATTTTGTATCTATTTTAAGTAATATATGTAAGACTTGAAAAATAAATGTTTTATTTCTATATAAA
GTGTTAAATTAATTGATACCAGATTTCACTGGAACAGTTTCAACTGATAATTTATGACAAAAAGACATA
CCTGTAATATTGAAATTAAGAAAGTAAATTTGTCATAAAGAAATTTCTTTATTTTGAATTCGAGTTTG
TAAATGTCCTTTTAAAGAGGGAGATATGAATCCAATAAAATAAATCAAGTCTTGCTA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-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_001854.4](#)

Summary: This gene encodes one of the two alpha chains of type XI collagen, a minor fibrillar collagen. Type XI collagen is a heterotrimer but the third alpha chain is a post-translationally modified alpha 1 type II chain. Mutations in this gene are associated with type II Stickler syndrome and with Marshall syndrome. A single-nucleotide polymorphism in this gene is also associated with susceptibility to lumbar disc herniation. Multiple transcript variants have been identified for this gene. [provided by RefSeq, Nov 2009]

Locus ID: 1301

MW: 61.8