

## Product datasheet for **SC215249**

### **COL11A1 (NM\_080630) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	COL11A1 (NM_080630) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	COL11A1
Synonyms:	CO11A1; COLL6; DFNA37; STL2
ACCN:	NM_080630
Insert Size:	1576 bp



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**Insert Sequence:** >SC215249 3'UTR clone of NM\_080630  
The sequence shown below is from the reference sequence of NM\_080630. 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
GAAGTTGGTCTGTTTGTCTTGGCTAAGATTAAGACAAGAACATATCAAATCAACAGAAAATATA
CCTTGGTGCCACCAACCCATTTTGTCCACATGCAAGTTTGAATAAGGATGGTATAGAAAAACAACGCT
GCATATACAGGTACCATTTAGGAAATACCGATGCCTTTGTGGGGCAGAATCACATGGCAAAAGCTTTG
AAAATCATAAAGATATAAGTTGGTGTGGCTAAGATGGAACAGGGCTGATTCTTGATTCCCAATTCTCA
ACTCTCCTTTTCTATTTGAATTTCTTTGGTGTGTAGAAAACAAAAAAGAAAAATATATATTCATAA
AAAATATGGTGTCTATTCTCATCCATCCAGGATGTAATAAACAGTGTGTTAATAAATTGTAATTATT
TTGTGTACAGTTCTATACTGTTATCTGTGTCCATTTCCAAAACCTGCACGTGTCCTGAATTCCATCTG
ACTCTAATTTTATGAGAATTGCAGAACTCTGATGGCAATAAATATATGTATTATGAAAAATAAAGTTG
TAATTTCTGATGACTCTAAGTCCCTTTCTTTGGTTAATAATAAAATGCCTTTGTATATATTGATGTTGA
AGAGTTCAATTATTTGATGTCGCAACAAAATTCTCAGAGGGCAAAAATCTGGAAGACTTTTGAAGCA
CACTCTGATCAACTCTTCTGCGGACAGTCAATTTGCTGAATTTAGCCAAAAATATTATGCATTTTG
ATGCTTTATTCAAGGCTATACCTCAAACCTTTTCTTCTCAGAATCCAGGATTTACAGGATACTTGAT
ATATGGAAAAACAAGCAAGTTTATATTTTGGACAGGAAATGTGTGTAAGAAAGTATATTAACAAATCA
ATGCCTCCGTCAAGCAACAATCATATGTATACTTTTTTCTACGTTATCTCATCTCCTTGTTTTTCAGT
GTGCTTCAATAATGCAGGTTAATATTAAGATGGAATTAAGCAATTTTATGAATTTGTGCAATGTT
AGATTTTCTTATCAATCAAGTTCTTGAATTTGATTCTAAGTTGCATATTATAACAGTCTCGAAAATTAT
TTTACTTGCCCAACAAATATTACTTTTTTCTTTCAAGATAATTTATAAATCATTGACCTACCTAAT
TGCTAAATGAATAACATATGGTGGACTGTTATTAAGAGTATTTGTTTTAAGTCATTCAGGAAAATCTAA
ACTTTTTTTTCCACTAAGGTATTTACTTTAAGGTAGCTTGAAATAGCAATACAATTTAAAAATAAAAA
CTGAATTTTGTATCTATTTAAGTAATATATGTAAGACTTGAAAAATAAATGTTTTATTTCTTATATAAA
GTGTTAAATTAATTGATACCAGATTTCACTGGAACAGTTTCAACTGATAATTTATGACAAAAAGACATA
CCTGTAATATTGAAATTAAGAAAGTAAATTTGTCATAAAGAAATTTCTTTATTTTGAATTCGAGTTTG
TAAATGTCCTTTTAAGAAGGGAGATATGAATCCAATAAAATAAAGTCAAGTCTTGCTA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCACCGCCGCTTCTATGAAAGG
```

**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\\_080630.4](#)

**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