

## Product datasheet for **SC211456**

### Collagen III (COL3A1) (NM\_000090) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Collagen III (COL3A1) (NM\_000090) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** COL3A1  
**Synonyms:** EDS4A; EDSVASC; PMGEDSV  
**ACCN:** NM\_000090  
**Insert Size:** 1002 bp  
**Insert Sequence:** >SC211456 3'UTR clone of NM\_000090  
The sequence shown below is from the reference sequence of NM\_000090. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGGACGTTGGCCCTGTTTGTCTTTTATAACCAAACTCTATCTGAAATCCCAACAAAAAATTTAAC
TCCATATGTGTTCCCTCTTGTCTAATCTTGTCAACCAGTGCAAGTGACCGACAAAATCCAGTTATTTA
TTTCCAAAATGTTTGAAACAGTATAATTTGACAAAGAAAAATGATACTTCTCTTTTTTGTCTGTTCCA
CCAAATACAATTCAAATGCTTTTTGTTTTATTTTTTACCAATCCAATTTCAAATGTCTCAATGGTG
CTATAATAAATAAACTTCAACACTCTTTATGATAACAACACTGTGTTATATTCTTTGAATCCTAGCCCA
TCTGCAGAGCAATGACTGTGCTCACCAGTAAAAGATAACCTTTCTTTCTGAAATAGTCAAATACGAAAT
TAGAAAAGCCCTCCCTATTTAACTACCTCAACTGGTCAGAAACACAGATTGTATTCTATGAGTCCCAG
AAGATGAAAAAATTTTATACGTTGATAAACTTATAAATTTTATTGATTAATCTCCTGGAAGATTGGT
TAAAAAAGAAAAGTGAATGCAAGAATTTAAAGAAATATTTTTAAAGCCACAATTATTTAATATTGGA
TATCAACTGCTTGTAAGGTGCTCCTCTTTTTCTTGTCATTGCTGGTCAAGATTACTAATATTTGGGA
AGGCTTTAAAGACGCATGTTATGGTGCTAATGTACTTTCACTTTTAACTCTAGATCAGAATTGTTGAC
TTGCATTCAGAACATAAATGCACAAAATCTGTACATGTCTCCATCAGAAAGATTCAATGGCATGCCAC
AGGGGATTCTCCTCCTTCATCCTGTAAAGGTCAACAATAAAAACCAATTATGGGGCTGCTTTTGTAC
ACTAGCATAGAGAATGTGTTGAAATTTAACTTTGTAAGCTTGATGTGGTTGTTGATCTTTTTTTTCTT
TACAGACACCCATAATAAAATATCATATTTAAATTC
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_000090.4</a></u>
<b>Summary:</b>	This gene encodes the pro-alpha1 chains of type III collagen, a fibrillar collagen that is found in extensible connective tissues such as skin, lung, uterus, intestine and the vascular system, frequently in association with type I collagen. Mutations in this gene are associated with Ehlers-Danlos syndrome types IV, and with aortic and arterial aneurysms. Two transcripts, resulting from the use of alternate polyadenylation signals, have been identified for this gene. [provided by R. Dagleish, Feb 2008]
<b>Locus ID:</b>	1281
<b>MW:</b>	39.5