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# Product datasheet for SC210966

## Collagen XV (COL15A1) (NM_001855) Human 3' UTR Clone

### Product data:

| | |
|---|---|
| **Product Type:** | 3' UTR Clones |
| **Symbol:** | Collagen XV |
| **Mammalian Cell Selection:** | Neomycin |
| **Vector:** | pMirTarget (PS100062) |
| **ACCN:** | NM_001855 |
| **Insert Size:** | 931 bp |
| **Insert Sequence:** | >SC210966 3'UTR clone of NM_001855<br>The sequence shown below is from the reference sequence of NM_001855. The complete sequence of this clone may contain minor differences, such as SNPs.<br>Blue=Stop Codon Red=Cloning site<br><br>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG<br>TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC<br>AACAGTTTCATGACAGACGCTAGGAAGTAATGGCCTTCTGATGATTCTTAAAGAGTTTTCAATTTTTTC<br>TTATGTGAAGAGTTGACACTGAAATCTAAAATGTTTAATTGTTGTAAATATTACAGTTTTTTTTTTTTA<br>CTACATATTCTTTACAACAGCAACCAAAGAAAACATACCTCAATACACTCAAAACTGAAGACATAGAGG<br>ACTCAGATCAAAGACAAAATCTGATCCATATATTGGTGCTAGATTCTGCAGGAAACCCCAGCAGTGTGA<br>ACGCATCCCAACATAGGTTAAGAGCAAGTTGAAAACAAAGGCCATGGCATTCTGCCACTGCATCCTTCA<br>GACAGTTATATCCTCCTTTTAAACCATTGTTGTTGAGTGTAAGATGTCCTTCATGTTTTCTTATAAAGT<br>CAGTGTTTAGAAATGTTACCCTTTCTAAGTTATATACAGATCAAATGCTTTTTTCTTTCACGTACATCC<br>ATCATTTGCAACTGCTGTTCGTACACAGAAACAGGACTGCTCAAATGATCCTATTTGTATTTTCTGATG<br>CTATCAGACTCTAATGTTTTTTTCCCTAAAATATTATTGCCATCATGCTTTAGGAATTTTATATTTTTA<br>CACAATCATATTTTAGTATGGTGTCTGTTTATGTAACTCTGACTTGCTGGAAAAGTTGAAACTCCAAAT<br>AATCTGAAACTAGAAAAGAAATAGCACATAATTACTACCTTCCCCTTGGCGGCTCTCCTCCCCAACCCC<br>CACCCCACAATTTTATGACTTCCATTTGGCAATTGTTGAATTATAACTGCGACTGAAACAAACAGGTTC<br>ATAGAGATGAATTTTCTGAGAAACATATATCTACATGTTGTATAATTGGATTTTTTTTCCATGTAAGTG<br>AACATAAAAACATCTTTTCCGGGTGCTTTCTTCA<br>ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA<br>CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG |
| **Restriction Sites:** | SgfI-MluI |

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**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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** NM_001855.5

**Summary:** This gene encodes the alpha chain of type XV collagen, a member of the FACIT collagen family (fibril-associated collagens with interrupted helices). Type XV collagen has a wide tissue distribution but the strongest expression is localized to basement membrane zones so it may function to adhere basement membranes to underlying connective tissue stroma. The proteolytically produced C-terminal fragment of type XV collagen is restin, a potentially antiangiogenic protein that is closely related to endostatin. Mouse studies have shown that collagen XV deficiency is associated with muscle and microvessel deterioration. [provided by RefSeq, May 2013]

**Locus ID:** 1306

**MW:** 36.2