

Product datasheet for **SC211303**

Collagen XVII (COL17A1) (NM_000494) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Collagen XVII (COL17A1) (NM_000494) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: COL17A1
Synonyms: BA16H23.2; BP180; BPA-2; BPAG2; EBR2A; ERED; JEB-I; LAD-1
ACCN: NM_000494
Insert Size: 979 bp
Insert Sequence: >SC211303 3'UTR clone of NM_000494
 The sequence shown below is from the reference sequence of NM_000494. 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
AGGAGAAGAAGTATTGCTGTCAAGCCGTAGCTAGCCATGGCAGGACAGCTCCTGGACCAGGTCTCATA
ATGCATGTGGCACTTAGGTCCAAGGTCTCCAGAGGGTGAAGCTGGAGTCTGTCAATGTCCTACTGAGA
CAGCACAGCCAACCTAGCTAGCAACATTTGTTTTAGTCTGAACAATATATACTTATAGAATTCAGTCAA
AGATACACAATCTGAAACAGCTTCATGGGGTGGACTCTAACAGTAGTTGCAATGTTTTAGAATGAGACT
TACTTCTGCTATCTAGATCTGAACTCCTTGGCTTCTTTACTTAGTTCAAGCCCCAGCCTAGGAAAGC
CAGTTACATAAAAAGTTGGCTCAGGAGTCTTAGAGCTTTACCTAAATATGAGCCCAGAAAACGGAGGATG
GGGGTGGGGCGCCTTCTGGAGGTGACACTTGATGGGGTGTGTTCTGGTTACTGTTCTAAGGCTGTGC
CATCAGCTCCTTCTCCCTGTTTCTGATTCTGATTCTCTAGTCAGTTGGCTAAGAAGTGACTCTTGAAC
TAAAAAATTAAGAAATTCACCTCCCTCTAGGAGGTGATGATAGGGTTTCTAATGGTTATATGTATAT
CACATTCCTATTTGCTTAGAAAGTCTGATTGTAGCTATGATTGTCCGTAGGCCATACTAGAGTTTCATG
GATATGTTATACTGAACCAGGCCAGAGCAAACAGAAAAAGAGGTTGAGGGCAATGGACAAGGAAGGAA
TAAAGGGAGAAGAGGGAAAAACAGAAAACCTGATGCTGGGGACACAGCATCAGCTCAAGACGTCACCCCTC
CATTCTGCACTCAGAAAATGGCACTTGGGGGACTGGGCGAGTTGGTCTTTAACCCTTTTCAATGTCT
AAAAACATTTGTTTGTGGTCTATAAGATGAAACATCATTTCAATCGTAAAAATTTCCCATTAAGAAGTT
TTTTTTTCTAATA
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul



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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.
RefSeq:	NM_000494.4
Summary:	This gene encodes the alpha chain of type XVII collagen. Unlike most collagens, collagen XVII is a transmembrane protein. Collagen XVII is a structural component of hemidesmosomes, multiprotein complexes at the dermal-epidermal basement membrane zone that mediate adhesion of keratinocytes to the underlying membrane. Mutations in this gene are associated with both generalized atrophic benign and junctional epidermolysis bullosa. Two homotrimeric forms of type XVII collagen exist. The full length form is the transmembrane protein. A soluble form, referred to as either ectodomain or LAD-1, is generated by proteolytic processing of the full length form. [provided by RefSeq, Jul 2008]
Locus ID:	1308
MW:	38