

Product datasheet for **SC204374**

Collagen VI (COL6A2) (NM_058174) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Collagen VI (COL6A2) (NM_058174) Human 3' UTR Clone
Symbol: Collagen VI
Synonyms: BTHLM1; PP3610; UCMD1
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_058174
Insert Size: 340 bp
Insert Sequence: >SC204374 3'UTR clone of NM_058174
 The sequence shown below is from the reference sequence of NM_058174. 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
GACCCCGAGACCGCGCTGGCCCTCTGCTAAAGCCCGGGCACCCGCCAGCCGGGCTGGGCCCTCCCTGC
CACACTAGCTTCCAGGGCTGCCCCGACAGGCTGGCTCTCAGTGGAGGCCAGAGATCTGGAATCGGGG
TCAGCGGGGCTACAGTCTTCCAGGGGCTCTGGGGCAGCTCCAGCCTCTCCCATGCTGGTGGCCACC
GTGTCCCTTGCTGCGGCTGCATCTTCCAGTCTCTCCTCCGTCTTCTGTGGCCGCTCTTTATAAGAA
CCCTGGTCATTGAATTTAAGGCCACCCCAAGTCCAGAATGACCTCGCAAGACCCTTAACCTCAC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: Sgfl-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_058174.3](#)



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Summary:

This gene encodes one of the three alpha chains of type VI collagen, a beaded filament collagen found in most connective tissues. The product of this gene contains several domains similar to von Willebrand Factor type A domains. These domains have been shown to bind extracellular matrix proteins, an interaction that explains the importance of this collagen in organizing matrix components. Mutations in this gene are associated with Bethlem myopathy and Ullrich scleroatonic muscular dystrophy. Three transcript variants have been identified for this gene. [provided by RefSeq, Jul 2008]

Locus ID:

1292

MW:

11.8