

## Product datasheet for **SC201594**

### COMP (NM\_000095) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	COMP (NM_000095) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	COMP
Synonyms:	CTS2; EDM1; EPD1; MED; PSACH; THBS5; TSP5
ACCN:	NM_000095
Insert Size:	172 bp
Insert Sequence:	>SC201594 3'UTR clone of NM_000095 The sequence shown below is from the reference sequence of NM_000095. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TATGAGACCCATCAGCTGCGGCAAGCCTAGGGACCAGGGTGAGGACCCGCCGGATGACAGCCACCCTCA CCGCGGCTGGATGGGGGCTCTGCACCCAGCCCAAGGGGTGGCCGTCTGAGGGGAAGTGAGAAGGGC TCAGAGAGGACAAAATAAAGTGTGTGTCAGGGA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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:	<u><a href="#">NM_000095.3</a></u>



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**Summary:** The protein encoded by this gene is a noncollagenous extracellular matrix (ECM) protein. It consists of five identical glycoprotein subunits, each with EGF-like and calcium-binding (thrombospondin-like) domains. Oligomerization results from formation of a five-stranded coiled coil and disulfides. Binding to other ECM proteins such as collagen appears to depend on divalent cations. Contraction or expansion of a 5 aa aspartate repeat and other mutations can cause pseudoachondroplasia (PSACH) and multiple epiphyseal dysplasia (MED). [provided by RefSeq, Jul 2016]

**Locus ID:** 1311

**MW:** 5.8