

## Product datasheet for **SC202987**

### **ELOC (NM\_005648) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	ELOC (NM_005648) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ELOC
Synonyms:	SIII; TCEB1
ACCN:	NM_005648
Insert Size:	1541 bp



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**Insert Sequence:** >SC202987 3'UTR clone of NM\_005648  
 The sequence shown below is from the reference sequence of NM\_005648. 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
CTGATGGCTGCGAACTTCTTAGATTGTAAATAAAATAAATTATAATAAACTGTTAACTCTTTTCAGTA
TTAATACCTGTAGTTCAGTTAGTAACCTTTTTCATATATAGCATGTTGCCTGTATGCAGTTGAACTATA
TAAAGTTCATTGCAAAGCAGATTATCTGTTTTTTTGCATAGCAATCAAAGTTGAAATTTGTTTGCTAC
ATCAACAAATTAAGGACATTTTTCACAACTGAGAAATAAACAAATATGCCAATTCGTAGGTGGTTTTGC
CTTATCCTTTGAATGTGACTTAAATCAGCAATGATGATATAGTAAATACTGAAATTTAGGTGTAATC
AATACGTTCTACAGGAAATAATGAGGCTAAGTATTTTTATGTTTTTAGTGGTTTTTAGAAACCTAAT
CTTATAGCCGCCATTAGCATTACTAGAGTTATGCAATAATTGCATTATAAACATGTTTATAACTTAGC
CAAACATTGATTTTTATAACTCTCAAGTATGAGTTGAAATTTCTTATGTCTTTTGATAAACTGCAGT
ATTCTTTAAGTGTACTTTGTCCTTTTGTATTGCTACAATTTAAGAAGTTTATTTAAAAACAATTTTG
GAAGGTTACTAGGTACAGCTTTTGCAGAAGAACTGAACTGTAGCCAGATGGTCAGCAAGTAAACTACA
TGACTTAGAGTCTTGTGCATTATACATTTTGGGTAATCAAAGTACTGTATTTGCATTGACTATAAAG
CGTCGTTTGCAATATTTATCTTCCCTTCATAGTCCCTTGTGTGATTATACTTCCAGTTGTTAAATGT
ATTTTAAAGACTCACTATTAACCTTTATTCAGATCTTAAAGCTACACCTTTTGAAGTATTCCAGTCT
TTCTCCATCCAATTAGAATGTTATGGAATAACATGTGAAGAGATACAGTGAAAATCATATTATAATGCA
TTGAAGATATCCTACATGAATTATCTTCTATTAATAATATGTCCAATAAATATACCCATAATCAGTGGG
TCTTCTACTGAAATCAAGCTCATTGAGCTTTTCTATTAAGCAGCCAAAAATTTTTGAAAAAATATGA
CAGCATATTCCTTATGCATGGGGAAAGAAGCACTGGAGATGGGTTTAGTATTGTCTTTATCTCAGAGG
TGAACAAAGTTGTCATTATAGGGTCTATAAACTTAAGTCTCCAGCTTATTTGAGACTGGCTTAATATG
GCTGAGCCCGGTGGCTCATGCCTGTAATCCAGCACTTTCAGAGGACGAGGCGGGTAGATCACTTGAGG
CCAGGAGTTTGAAGCAGCCTGGCCACCATGGCAAAACCCCATCTCTACCAAAAAATGCAAAAAATTAGCT
AGGCCATGGTGGCACACGCTGTAATCCCAGCTACTTGTGAGGCTGAGGCATGAGAATCGCTTGAACCT
GGGAGGTGGAGGTGGCAGTGAGCCGAGATCGCACCCTGCACTCCAGCCTGGGTGACAGAGCGAGACTG
TCTCAAAAAAAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

**Restriction Sites:** SgfI-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\\_005648.4](#)

**Summary:**

This gene encodes the protein elongin C, which is a subunit of the transcription factor B (SIII) complex. The SIII complex is composed of elongins A/A2, B and C. It activates elongation by RNA polymerase II by suppressing transient pausing of the polymerase at many sites within transcription units. Elongin A functions as the transcriptionally active component of the SIII complex, whereas elongins B and C are regulatory subunits. Elongin A2 is specifically expressed in the testis, and capable of forming a stable complex with elongins B and C. The von Hippel-Lindau tumor suppressor protein binds to elongins B and C, and thereby inhibits transcription elongation. Multiple alternatively spliced transcript variants encoding two distinct isoforms have been identified. [provided by RefSeq, Mar 2011]

**Locus ID:**

6921

**MW:**

59.6