

## Product datasheet for **SC207754**

### **ELOB (NM\_007108) Human 3' UTR Clone**

#### **Product data:**

**Product Type:** 3' UTR Clones  
**Product Name:** ELOB (NM\_007108) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** ELOB  
**Synonyms:** SIII; TCEB2  
**ACCN:** NM\_007108  
**Insert Size:** 606 bp  
**Insert Sequence:** >SC207754 3'UTR clone of NM\_007108  
The sequence shown below is from the reference sequence of NM\_007108. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGCAGTGCCAATGAACAAGCCGTGCAGTGAAGACCCCAAGAGGCCCATTTCCCCAATAAAAGAGATT
TGGGAGTCTGCCTGGTTGCTGCCTTTTTCCCGCCCTCCCTGGGATGGGTCCCACTCCCTGTGGGCT
CCTTTTGGGGCTTGTGCTTGGCAGTTCCTGTGCTCCTGTCTCCCAGATCCTGAGACCCTGGCTGAGA
ACTTGGCCAGCCTGCTGCTTAAAGGCACCATGGGGACCTGGGTTGCCCTGAGACCAAGCCATTGTTA
GCAGCTAGCCAGCCACACCAACCAGCCAGGGGGAGGAAAGGAAAGGACTGGGAGAGACAAAAGACCA
GAGCCAGCCTCAGGGACAAGAGATTCCAGTTTTAGGCCTTTCTCCTTCTAAGTGCCCCCACCCCATTA
GCCTGCATGTCCACTCCCAGACGATGGCCAAGAGCAGAAACACAAGCTGGAGCCAGTGTCTGGTTTGA
CAGCATGTTCAACGAGGGAACCCCAAGACGGACCCACACAGGTCCACCCACGCTGGGGGTGTAATCAC
GGAGGGAAGTGGCTGCCCTTAACACACCTTTAATAAACAGTCTACAGACCCA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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 µg dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



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RefSeq: [NM\\_007108.4](#)

**Summary:** This gene encodes the protein elongin B, 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. Two alternatively spliced transcript variants encoding different isoforms have been described for this gene. Pseudogenes have been identified on chromosomes 11 and 13. [provided by RefSeq, Aug 2008]

Locus ID: 6923

MW: 22.4