

## Product datasheet for SC213261

### ELAC2 (NM\_018127) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** ELAC2 (NM\_018127) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** ELAC2  
**Synonyms:** COXPD17; ELC2; HPC2  
**ACCN:** NM\_018127  
**Insert Size:** 1236 bp  
**Insert Sequence:** >SC213261 3'UTR clone of NM\_018127  
 The sequence shown below is from the reference sequence of NM\_018127. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCACAGGCCAAGAAGGTCAGAGCCCAGTGAAGATCTGGGAGACCCTGAACTCAGAAGGCTGTGTGTCTT
CTGCCCCACGCACGCACCCGTATCTGCCCTCCTTGCTGGTAGAAGCTGAAGAGCACGGTCCCCCAGGAG
GCAGCTCAGGATAGGTGGTATGGAGCTGTGCCGAGGCTTGGGCTCCACATAAGCACTAGTCTATAGAT
GCCTCTTAGGACTGGTGCCTGGCACAGCCGCGGCCAGGAGGCTGCCACACGGAAGCAAGCAGATGAAC
TAATTTCAATTTCAAGGCAGTTTTTAAAGAAGTCTTGAAAACAGACGGCGGCACCTTCTCTAATCCAG
CAAAGTGATTCCTGCACACCAGAGACAAGCAGAGTAACAGGATCAGTGGGTCTAAGTGTCCGAGACTT
AACGAAAATAGTATTTAGCTGCAATAAAGATTGAGTTTGCAATTGTGAGTCTTTTGTCTCCTCCTGC
TGCTGCTACAGAGCAGGGTCTGCTGTGCACCACCTTGGAAGGCTCTCTGTGCTGTAGTGTGGCAGCT
GCCTGGTACCCGGGTGGCTTGAAGAAGTCAGCTCCCGTCGTAGTGAGCACCTCTGGAACCTGTCCTCA
GAGAGCCACCCTTATTCGCAAGTCTTTTTGACAACCTCGAGCTGTGCCAGCTCACAGCAGGGCGTGCTT
TCTCTATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCA
CAGGGAATGCAAGTCTTCTGGTGGTTCTGGGTAAGGAGACAATAGATTTGCTGTGTTGTTGCTT
CCATACTGAGAGGAGTGAGGATCACTTTGCCCTCGAAGGTTTTGAGAAATGGCACACGGGCTGGTTTC
CATTGTCTCCTTGCGGGATTTACAGACGTGGATTAGTGTCTGACAAAATGGAGAGCATTTTCCAAGGAA
GTAAGTAAGTAAAGTAAGTAAGTAAGTAAGTAAGTGAATCTAGTATTTATTGTGTATATTCCTACCC
AGGAGAATGTAAAAGAAGAGCTTTAAAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAG
GCTTTACACAGGTGGTGACCTTCAGGCTCCATCCCGGTGTGCAATTTGAGATTGACGGCCATGTCCCCGC
AGGTTTATAAGCAAGAACAGATGCCAAGCTCAGGGATAATAAATCTATTTAATAACGTTA
ACGCGTTAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_018127.7</a>
<b>Summary:</b>	The protein encoded by this gene has a C-terminal domain with tRNA 3' processing endoribonuclease activity, which catalyzes the removal of the 3' trailer from precursor tRNAs. The protein also interacts with activated Smad family member 2 (Smad2) and its nuclear partner forkhead box H1 (also known as FAST-1), and reduced expression can suppress transforming growth factor-beta induced growth arrest. Mutations in this gene result in an increased risk of prostate cancer. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]
<b>Locus ID:</b>	60528
<b>MW:</b>	45.9