

Product datasheet for **SC213263**

ELAC2 (NM_001165962) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ELAC2 (NM_001165962) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ELAC2
Synonyms: COXPD17; ELC2; HPC2
ACCN: NM_001165962
Insert Size: 1236 bp
Insert Sequence: >SC213263 3'UTR clone of NM_001165962
The sequence shown below is from the reference sequence of NM_001165962. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
CCACAGGCCAAGAAGGTCAGAGCCCAGTGAAGATCTGGGAGACCCTGAACTCAGAAGGCTGTGTGTCTT
CTGCCCCACGCACGCCCGTATCTGCCCTCCTTGCTGGTAGAAGCTGAAGAGCACGGTCCCCCAGGAG
GCAGCTCAGGATAGGTGGTATGGAGCTGTGCCGAGGCTTGGGCTCCACATAAGCACTAGTCTATAGAT
GCCTCTTAGGACTGGTGCCTGGCACAGCCGCGGCCAGGAGGCTGCCACACGGAAGCAAGCAGATGAAC
TAATTTCAATTTCAAGGCAGTTTTTAAAGAAGTCTTGAAAACAGACGGCGGCACCTTCTCTAATCCAG
CAAAGTGATTCCTGCACACCAGAGACAAGCAGAGTAACAGGATCAGTGGGTCTAAGTGTCCGAGACTT
AACGAAAATAGTATTTAGCTGCAATAAAGATTGAGTTTGCAATTGTGAGTTCTTTTGTCTCCTCCTGC
TGCTGCTACAGAGCAGGGTCTGTGTGCACCACCTTGAGAAAGGCTCTGTGTGTAGTGTGGCAGCT
GCCTGGTACCCGGGTGGCTTGAAGAAGTCAGCTCCCGTCGTAGTGAGCACCTCTGGAACCTGTCCTCA
GAGAGCCACCCTTATTCGCAAGTCTTTTTGACAACCTCGAGCTGTGCCAGCTCACAGCAGGGCGTGCTT
TCTCTATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCA
CAGGAAATGCAAGTCTTCTGGTGGTTCTGGGTAAGTGGAGACAATAGATTTGCTGTGTGTGTGCTT
CCATACTGAGAGGAGTGAGGATCACTTTGCCCTCGAAGTTTTGAGAAATGGCACACGGGCTGGTTTC
CATTGTCTCCTTGCGGGATTTACAGACGTGGATTAGTGTCTCGACAAATGGAGAGCATTTTCCAAGGAA
GTAAGTAAGTAAAGTAAGTAAGTAAGTAAGTAAGTGAATCTAGTATTTATTGTGTATATTCCTACCC
AGGAGAATGTAAAAGAAGAGCTTTAAAACCTCAAAGACAAGCAAGCGAGAGATCAGCCAGGGACCTG
GCTTTACACAGGTGGTGACCTTCAGGCTCCATCCCGGTGTGCATTTGAGATTGACGGCCATGTCCCCGC
AGGTTTATAAGCAAGAACAGATGCCAAGCTCAGGGATAATAAATCTATTTAATAACGTTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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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_001165962.2
Summary:	The protein encoded by this gene has a C-terminal domain with tRNA 3'-terminal 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]
Locus ID:	60528
MW:	45.9