

Product datasheet for **SC306250**

ELOA3 (NM_145653) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	ELOA3
Synonyms:	ELOA3A; HsT829; TCEB3C; TCEB3L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >SC306250 representing NM_145653.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGGCAGGGTCCACTACGCTGCGCGCAGTGGGGAAGCTGCAGGTGCGTCTGGCCACTAAGACGGAG
CCGAAAAAGCTAGAGAAATATTTGCAGAACTCTCCGCTTGCCCATGACCGCAGACATCCTGGCGGAG
ACTGGAATCAGAAAGACGGTGAAGCGCTGCGGAAGCACCAGCACGTGGGCGACTTTGCCAGAGACTTA
GCGGCCCGGTGGAAGAAGCTGGTGCTCGTGGACCGAAACACCGGGCTGACCCGAGGACCTGAGGAG
AGCGCTTCCCGACAGCGCTTCGGGGAGGCTCTTCAGGAGCGGGAAGGCGCTGGGGCTTCCAGAAAAAC
GCGACGGCCCCAGGAGCCATCTCACAGCCCTGAGCACAGACGACGACGACGAGAACACCTCCGGGG
CAACAGAGACCTCACCGAGGTCTCCAGTCGCGAGCCAGAGCCGAGAGAAAGCGCCCCAGAATGGCC
CCAGCTGATTCCGGCCCCCATCGGGACCTCCAACGCGCACCGCTCCCTCCCGATGCCGAGGGCCCT
GAGCCCGCTGTGCCGGGGAGCAACCCGGAAGAGGCCACGCTCACGCCGCTCAGGGCGGGCCTCTGCTG
GGTCAAGGCTGCCAGGGCAACCCAGGGGAAGCGGTGGGAGCCACAGCAAGGGGCACAAATCGTCC
CGCGGGGCTTCGGCTCAGAAATCGCTCCTGTCCAGGAAAGCCAGTCAGAGAGGCTGCAGGCGGCCGGC
GCTGATTCCGCGGGCCGAAAAACGGTGCCAGCCATGTCTTCTCGAGCTCTGGGACCCCTCAGAGGCC
TGGATGCAGGCCAACTACGATCTGCTGTCCGCTTTGAGGCCATGACCTCCAGGCAAAACCCAGAAGCA
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TACTCGGGCTCCAGGCCTGCCTGCCAGCTCCAGGTGCCGACGCTGCGCCAGCAGTGCCTCCGGTGCT
AGGAACAATCCGACGCCCTCGGCGACGTGGAAGGGTCCCCTACTCGGTTCTGAACCCGTTCTGGAA
GGGTGGACGCCCGATCAGCTGTACCGCACAGAGAAAGACAATGCCGCACTCGCTCGAGAGACAGATGAA
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CTGTACCTGCGGCTTCGGGACGCCGAGAGCAGCGGCTGCGAGTAGTGACCACGAAAAATCCGATCCGCA
CGTGAAACAAACCCAGCGGCCGACAGACAAAGATGATCTGTTTCAACTCTGTGGCCAAGACGCCTTAT
GATGCTTCCAGGAGGAAGAGAAGTCTGACGAGGCCGCTGACCCCGAAATGGAGAGATGGAGCCAGCC
CCCAAGCCCGCAGGAAGCAGCCAGGCTCCCTCCGGCTCGGGGACGGCGACGGCGGCAGCGTGAGCGGC
GGCGGCAGCAGCAACCGGCACGCGGCCCGCGGACAAAACCCGAAAAACAGGCTGCCAAGAAAGTGCC
CCGCTGATGGCCAAGCAATTCGAGACTACAAGGAAGATTCTCCGACGATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_145653

Insert Size: 1641 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_145653.3</u>
RefSeq Size:	1877 bp
RefSeq ORF:	1641 bp
Locus ID:	162699
UniProt ID:	<u>Q8NG57</u>
Cytogenetics:	18q21.1
Protein Families:	Transcription Factors
MW:	59.7 kDa
Gene Summary:	The SIII (or elongin) transcription elongation factor complex stimulates the rate of transcription elongation by RNA polymerase II by suppressing the transient pausing of the polymerase at many sites along the DNA template. This gene represents a likely pseudogene of ELOA (GeneID: 6924). [provided by RefSeq, Jun 2020]