

Product datasheet for **SC316773**

ELOA3B (NM_001100817) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	ELOA3B
Synonyms:	ELOA3; eloA3-like-1; EloA3C; ELOA3L1; Elongin-A3; HsT828; TCEB3C; TCEB3CL; TCEB3L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>SC316773 representing NM_001100817.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGGCAGGGTCCACTACGCTGCGCGCAGTGGGGAAGCTGCAGGTGCGTCTGGCCACTAAGACGGAG
CCGAAAAAGCTAGAGAAATATTTGCAGAACTCTCCGCTTGCCCATGACCGCAGACATCTGGCGGAG
ACTGGAATCAGAAAGACGGTGAAGCGCTGCGGAAGCACCAGCACGTGGGCGACTTTGCCAGAGACTTA
GCGGCCCGGTGGAAGAAGCTGGTGCTCGTGGACCGAAACACCGGGCTGACCCGAGGACCTGAGGAG
AGCGCTTCCCGACAGCGCTTCGGGGAGGCTCTTCAGGAGCGGGAAGGCGCTGGGGCTTCCAGAAAAC
GCGACGGCCCCAGGAGCCATCTCACAGCCCTGAGCACAGACGAGCAGCAGCAGAACACCTCCGGGG
CAACAGAGACCTCACCGAGGTCTCCAGTCGCGAGCCAGAGCCGAGAGAAAGCGCCCCAGAATGGCC
CCAGCTGATTCCGGCCCCCATCGGGACCTCCAACGCGCACCGCTCCCTCCCGATGCCGAGGGCCCT
GAGCCCGCTGTGCCGGGGAGCAACCCGGAAGAGGCCACGCTCACGCCGCTCAGGGCGGGCCTCTGCTG
GGTCAAGGCTGCCAGGGCAACCCAGGGGAAGCGGTGGGAGCCACAGCAAGGGGCACAAATCGTCC
CGCGGGGCTTCGGCTCAGAAATCGCTCCTGTCCAGGAAAGCCAGTCAGAGAGGCTGCAGGCGGCCGGC
GCTGATTCCGCGGGCCGAAAACGGTGCCAGCCATGTCTTCTCGAGCTCTGGGACCCCTCAGAGGCC
TGGATGCAGGCCAACTACGATCTGCTGTCCGCTTTGAGGCCATGACCTCCAGGCAAAACCAGAAGCA
CTCTCCGCGCCAACGCTCCAGGAGGAAGCTGCTTCCCTGGACGACAGTGAACGCTAAGATGCCGGTG
TACTCGGGCTCCAGGCTGCTGCGCAGCTCCAGGTGCCGACGCTGCGCCAGCAGTGCCTCCGGTGCT
AGGAACAATCCGACGCCCTCGGCGACGTGGAAGGGTCCCCTACTCGGTTCTGAACCCGTTCTGGAA
GGGTGGACGCCCGATCAGCGTACCGCACAGAGAAAGACAATGCCGCACTCGCTCGAGAGACAGATGAA
TTATGGAGGATTATTGCTCCAGGACTTCAAGGAAGAAAAGCCACAGGAGCAGAGTCTTGGCGGGAG
CTGTACCTGCGGCTTCGGGACGCCGAGAGCAGCGGCTGCGAGTAGTGACCACGAAAATCCGATCCGCA
CGTGAAAACAAACCCAGCGGCCGACAGACAAAGATGATCTGTTTCAACTCTGTGGCCAAGACGCCTTAT
GATGCTTCCAGGAGGAAGAGAAGTCTGACGAGGCCGCTGACCCCGAAATGGAGAGATGGAGCCAGCC
CCCAAGCCCGCAGGAAGCAGCCAGGCTCCCTCCGGCTCGGGGACGGCGACGGCGGCAGCGTGAGCGGC
GGCGGCAGCAGCAACCGGCACGCGGCCCGCGGACAAAACCCGAAAACAGGCTGCCAAGAAAGTGCC
CCGCTGATGGCCAAGCAATTCGAGACTACAAGGAAGATTCTCCGACGATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:

SgfI-MluI

ACCN:

NM_001100817

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_001100817.1</u>
RefSeq Size:	1641 bp
RefSeq ORF:	1641 bp
Locus ID:	728929
UniProt ID:	<u>Q8NG57</u>
Cytogenetics:	18q21.1
MW:	59.8 kDa
Gene Summary:	SIII, also known as elongin, is a general transcription elongation factor that increases the RNA polymerase II transcription elongation past template-encoded arresting sites. Subunit A3 is transcriptionally active but its transcription activity is not enhanced by binding to the dimeric complex of the SIII regulatory subunits B and C (elongin BC complex).[UniProtKB/Swiss-Prot Function]