

Product datasheet for **SC324451**

ELP6 (NM_001031703) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ELP6 (NM_001031703) Human Untagged Clone
Tag:	Tag Free
Symbol:	ELP6
Synonyms:	C3orf75; TMEM103
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_001031703.2
 AGCGCTAGTCCCAGGAGCTCGGAATGTTTCGTGGAACCTAATAACCTGCTTAACACCACCC
 CCGACAGGGCGGAGCAGGGGAACTGACTCTACTCTGTGATGCCAAGACAGATGGGAGTT
 TCCTTGTACACCACTTTCTCCTTCTATCTCAAAGCTAATTGTAAGTCTGCTTTGTGG
 CACTCATCCAGTCTTCAGCCACTACAGTATCGTGGGACAGAAGCTGGGTGTCAGCCTGA
 CCATGGCGCGGGAGCGTGGGAGCTTGTGTTTCTTGGGGACTCAAGTCTGCAGTGGACG
 TCGTCTTCCAGGCTCAAAGGAGCCACACCCCTGCAGTTTCTCAGGGAGGCTAATGCTG
 GGAACCTGAAACCATTGTTTGTGTTTGTACGGGAGGCCCTGAAGCCAGTAGACAGTGGAG
 AGGCTCGGTGGACGTACCCGGTGTGTTGGTGGACGACCTCAGTGTGCTCCTGAGCCTGG
 GCATGGGGCGGTGGCTGTGCTAGACTTCACTACTGCAGAGCCACCGTGTGCTGGG
 AACTAAAGGGAAACATGGTGGTCTTGTGCACGACAGTGGAGATGCGGAGGATGAGGAGA
 ATGACATCCTGCTGAATGGCCTCAGTCATCAGAGCCATCTGATACTGCGGGCTGAGGGCC
 TGGCCACTGGCTTCTGCAGGGATGTGCACGGGAGCTGAGGATCCTGTGGAGGAGACCAT
 CGCAGCCCGCAGTCCACCGGGATCAGAGCTTCACTTACCAGTATAAGATACAGGACAAAA
 GCGTGTCTTTTTTGGCAAAGGAATGTCTCCTGCTGTTCTGTGACCTGATTTCCGAGCA
 GCTGAAGCTACATAGGACTGTTTTTGGACGTGGAAGATAGAGCAACATAGCAAGAATGGG
 TCTTTCTCCTCTGTAGTAATATTTTCAGGCTGGACCGGCGACTCCACTGTGACCAGAGGGT
 TGAGTGTGCAGTGTGATGCATGCCTTGGCTGCCCTGGGCCCTGTTGAGAAAACACAAGGG
 ACCACAATCCTGCCTTTGCTGAGAGAGAGGCTGGATGCTAGACCAAGTGAAGGGGTCC
 TTTGGAGCCTTTGTTAAATATGCCTTAGCCCCAGCTGCCATTTTTGGTTGACAAGCCT
 TTCAGAGCCAGAGTGGGTATAGATGTGCCAGCCAGGAGATGGCACCGGATGGCAGGTGTG
 CAAGGTGACAAGTATAGTATGCCTGGAATAAAGTAAGTTTCCACACTGGAAAAAAA
 AAAAAAAAAAAAAAAAAAAAA

Restriction Sites:	Please inquire
ACCN:	NM_001031703



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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:	<ol style="list-style-type: none"> 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.
RefSeq:	<u>NM_001031703.2, NP_001026873.2</u>
RefSeq Size:	1374 bp
RefSeq ORF:	801 bp
Locus ID:	54859
UniProt ID:	<u>Q0PNE2</u>
Cytogenetics:	3p21.31
Gene Summary:	Acts as subunit of the RNA polymerase II elongator complex, which is a histone acetyltransferase component of the RNA polymerase II (Pol II) holoenzyme and is involved in transcriptional elongation. Elongator may play a role in chromatin remodeling and is involved in acetylation of histones H3 and probably H4. Involved in cell migration.[UniProtKB/Swiss-Prot Function]