

Product datasheet for SC310494

ELAC1 (NM_018696) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ELAC1 (NM_018696) Human Untagged Clone
Tag:	Tag Free
Symbol:	ELAC1
Synonyms:	D29
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC310494 representing NM_018696. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGTCTATGGATGTGACATTCTGGGGACGGGTGCAGCATACCCATCTCCAACCCGGGTGCCTCTGCT
 GTGGTCCTTCGGTGTGAAGGCGAGTGCTGGCTCTTTGACTGTGGGGAGGGAACACAGACACAGCTTATG
 AAAAGCCAACCTAAAGCAGGGAGAATTACCAAGATCTTCATCACACACCTTCATGGAGACCATTTCTTT
 GGCCTTCTGGGCTCCTCTGCACAATCAGCCTGCAGAGTGGCTCCATGGTGTCCAAACAGCCTATTGAA
 ATCTATGGCCCTGTAGGGCTTCGGGACTTTATCTGGCGAACCATGGAACCTCTCTCACACGGAGCTGGTC
 TTCCATTATGTGGTTCATGAAGTGGTTCCTACAGCAGATCAATGCTCTGCAGAAGAACTAAAAGAATTT
 GCGCATGTGAATAGAGCAGACAGTCTCCCAAAGAGGAACAAGGAAGAACTATCCTGTTAGACTCAGAA
 GAAAACCTACACCTTCTGTTTGATGATGAACAATTTGTTGTAAGCAATTCGCCTCTTTCACAGAATT
 CCCTCATTTGGGTTTTAGTCGTGGAAAAGAAACGCCAGGTAAACTCAATGCACAGAACTTAAAGAC
 CTTGGTGTTCACCAGGTCTGCCTATGGGAAGCTGAAAAATGGAATTTCTGTTGTTCTGAAAAATGGG
 GTTACAATTTCTCCCAAGATGTCTTAAAAAGCCTATTGTTGGAAGAAAAATCTGCATATTGGGTGAC
 TGCTCTGGGGTTGTGGGTGATGGAGGAGTAAACTGTGCTTTGAAGCAGACCTGTTGATCCACGAAGCA
 ACCCTGGATGATGCCAGATGGACAAAGCAAAGGAGCATGGCCACAGCACACCACAGATGGCAGCAACA
 TTGCAAAGTTGTCCGTGCAAAGAGGCTGGTCTGACTCACTTCAGTCAGAGGTACAAACAGTTGCC
 TTGGCCAGAGAAGGAGAAACAGATGGCATTGCAGAACTAAAAAGCAAGCTGAATCAGTGTGATCTC
 CAAGAAGTGAAGTCTAGCAGAAGATTTTATGGTGATAAGCATTCCAATCAAGAAATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_018696


[View online »](#)

Insert Size:	1092 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.
RefSeq:	<u>NM_018696.2</u>
RefSeq Size:	2233 bp
RefSeq ORF:	1092 bp
Locus ID:	55520
UniProt ID:	<u>Q9H777</u>
Cytogenetics:	18q21.2
Domains:	lactamase_B
MW:	40 kDa
Gene Summary:	Zinc phosphodiesterase, which displays some tRNA 3'-processing endonuclease activity. Probably involved in tRNA maturation, by removing a 3'-trailer from precursor tRNA. [UniProtKB/Swiss-Prot Function]