

Product datasheet for SC320352

ELAC1 (NM_018696) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: ELAC1

Synonyms: D29

Mammalian Cell Selection: Neomycin

Vector: pCMV6-AC (PS100020)

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_018696.2 CTGGGCCAGGGTGCGGGCCTGCGCCTCCCTCGGCTCCTGGCGCGGGCCTCGGGGAGAGGG GTGGAAGATGTCTATGGATGTGACATTCTGGGGACGGGTGCAGCATACCCATCTCCAAC CCGGGGTGCCTCTGCTGTGGTCCTTCGGTGTGAAGGCGAGTGCTGGCTCTTTGACTGTGG GGAGGGAACACAGACACAGCTTATGAAAAGCCAACCTAAAGCAGGGAGAATTACCAAGAT CTTTCATCACACACCTTCATGGAGACATTCTTTGGCCTTCCTGGGCTCCTCTGCACAAT CAGCCTGCAGAGTGGCTCCATGGTGTCCAAACAGCCTATTGAAATCTATGGCCCTGTAGG GCTTCGGGACTTTATCTGGCGAACCATGGAACCTCTCTCACACGGAGCTGGTCTTCCATTA TGTGGTTTCATGAACTGGTTCTACAGCAGATCAATGTCCTGCAGAAGAACTAAAAGAATT TGCGCATGTGAATAGAGCAGACAGTCTCCCAAGAGGAACAAGGAAGAACTATCCTGTT AGACTCAGAAGAAAACCTACACCTTCTGTTTGATGATGAACAATTTGTTGTAAGCATT TCGCCTCTTTTACAGAATTCCTCATTGGGTTTTTCAGTCGTGGAAAAGAAACGCCAGG TAAACTCAATGCACAGAACTTAAAGACCTTGGTGTTCACACAGGTCTGCCTATGGGAA GCTGAAAAATGGAATTTCTGTTGTTCTGGAAAATGGGGTTACAATTTCTCCCAAGATGT CTTAAAAAGCCTATTGTTGGAAGAAAAATCTGCATATTGGGTGACTGCTCTGGGGTTGT GGGTGATGGAGGAGTAAACTGTGCTTTGAAGCAGACCTGTTGATCCACGAAGCAACCCT GGATGATGCCAGATGGACAAAGGAGCATGGCCACAGCACACCACAGATGGCAGC AACATTTGCAAAGTTGTCCGTGCAAAGAGGCTGGTTCTGACTCACTTCAGTCAGAGGTA CAAACCAAGTTGCCTTGGCCAGAGAAGGAGAAACAGATGGCATTGCAGAACTAAAAAGCA AGCTGAATCAGTGTTAGATCTCCAAGAAAGTGAAGTCTAGCAGAAGATTTTATGGTGATAAG CATTCCAATCAAGAAATGAAACCAAGTGTTCCTGAGTGACACTGACATGTCTGTGAATAT GTTACTGAACCTATAGTCCAGTTTTTTTATTTCTGTTTTAGTCTGAAATATTTTGGGCC CTAATAATCCTAAAAAGAAATGGAGCTGCATTGATGAATTGGCTCAGTATTTAAAGGGAGC AAACCTTTTGATAATAATCTTTTAAAGAGAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_018696



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_018696.2, NP_061166.1</u>
RefSeq Size:	2233 bp
RefSeq ORF:	1092 bp
Locus ID:	55520
UniProt ID:	<u>Q9H777</u>
Cytogenetics:	18q21.2
Domains:	lactamase_B
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]