

Product datasheet for **SC322158**

ELAVL1 (NM_001419) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ELAVL1 (NM_001419) Human Untagged Clone
Tag:	Tag Free
Symbol:	ELAVL1
Synonyms:	ELAV1; Hua; HUR; MeIG
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322158
 CCGTCCGCCACCGCCGCCACCGCTACCGAGGCCGAGCGGAGCCGTTAGCGCCGCGCCG
 CCGCCGCCTCCCGCCCGCCCGGAGCAGCCCGGGCCCGCCCGCCGCATCCAGATTTTT
 GAAAAATACAATGTCTAATGGTTATGAAGACCACATGGCCGAAGACTGCAGGGGTGACAT
 CGGGAGAACGAATTTGATCGTCAACTACCTCCCTCAGAACATGACCCAGGATGAGTTACG
 AAGCCTGTTTCAGCAGCATTGGTGAAGTTGAATCTGCAAACTTATTCCGGATAAAGTAGC
 AGGACACAGCTTGGGCTATGGCTTTGTGAACACGTGACCCGGAAGGATGCAGAGAGAGC
 GATCAACACGCTGAACGGCTTGAGGCTCCAGTCAAAAACCATTAAGGTGTCGTATGCTCG
 CCCGAGCTCAGAGGTGATCAAAGACGCCAACTTGACATCAGCGGGCTCCCGCGGACCAT
 GACCCAGAAGGACGTAGAAGACATGTTCTCTCGGTTTGGGCGGATCATCAACTCGCGGGT
 CCTCGTGGATCAGACTACAGTTTGTCCAGAGGGTTGCGTTTATCCGGTTTGACAAACG
 GTCGGAGGCAGAAGAGGCAATTACCAGTTTCAATGGTCATAAACCCCAAGTTTCTCTGA
 GCCCATCACAGTGAAGTTTGCAGCAACCCCAACCAGAACAAAAACGTGGCACTCCTCTC
 GCAGCTGTACACTCGCCAGCGGACGGTTCGGAGGCCCGTTACCACCAGGCGCAGAG
 ATTCAGGTTCTCCCCATGGGCGTCGATCACATGAGCGGGCTCTCTGGCGTCAACGTGCC
 AGGAAACGCCTCCTCCGGCTGGTGCAATTTTCATCTACAACCTGGGGCAGGATGCCGACGA
 GGGGATCCTCTGGCAGATGTTTGGGCCGTTTGGTGCCGTACCAATGTGAAAGTGATCCG
 CGACTTCAACACCAACAAGTGCAAAGGGTTTGGCTTTGTGACCATGACAACTATGAAGA
 AGCCGCGATGGCCATAGCCAGCCTGAACGGCTACCGCCTGGGGGACAAAACTTACAGGT
 TTCCTTCAAAACCAACAAGTCCCACAAATAACTCGCTCATGCTTTTTTTGTACGGAATA
 GATAATTAAGAGTGAAGGAGTTGAACTTTTCTGTTAGTGTACAACCTATTTTGCGCCA
 ATTTTCACAAGTGTGCTTTGTCTGAATGAGAAGTGAGAAGTTTTTATACTTGGGA
 TGCAACCGACATGTTCAAATGTTTGAATCCCACAATGTTAGACCAATCTTAAGTTTCTG
 AAGTTATTTCTTTAAGATATATATTAACAGAAATCTAAGTAGAACTGCATTGACTAAC
 CAGTCCCTCTGGATGGTGGTGAACCTGAAGCATGCTTTAACCTCTAAGACTGTCTAACAC
 GCGTTTCAATCAATGTCTCCACAGACTGGGTAGCAAAAAATCACCTTTTAGTTTTAGTT
 TTTAATCTAAAGATGTTAGACAGATGCTGAGTGTGCGTTTTCTCAACCGTTCAACATTG
 TAAGCGATGTATGCTTTGGTTGACAGGAAGTTCCTTTTCCAGGCAGGTCCCGTTGCCACC
 TCCTGCTCACTCAGTCCCGGGCTCTGCCGAGTGGTCTGGGAATGGCGGGGGCCCGTCC
 AGCGTGGGCCACCACTGGGGCCGGGGCCACGGGCTGCATGCTGGGCGGGCCCTCCAGAG
 AAGGACACAAACGTGTTTCGTAAGCCCAGGCACCAATGGGAATGGACAAAGAGTTTCAG
 GGAACCTCCAGTATATCCAGAGTCAGATCTAAGCTCCAGGCACGCTGAAGATGTGTTG
 CTACTCTGACATCCCGAGTTTCTGTCCACACATTGCATGCACAGCGCCCCACACATTGGA
 TACTGTTGTTACGATAATTTCTCCCGTTTTCCAGAGCATTTAACATAGCTTGGAGGCGT
 AAAATGGCTCTGTATTTAATAACACAGAAACATTTGAGCATTGTATTTCTCGCATCCCT
 TCTCGTAGCGCTTAGACCTTTTCTATTTTAGTCGGATTTTGTGTTTGGAAATTTGCTTT
 TGTATGAACACTCAGCAGAAAAGTACTTACTTCTTCCAGTTATCTATTAACCAAAACCT
 TTGATTTGTAGTTTTAAGATTAACCCTCAAAGTCTCTTCATAACTGCCTTGACATTTT
 GGGTGTCTGTTCTGTTAATTTCTTTTGTCTTTTGTGTTTTTGTGTTTTTGTGTTTTTACTT
 TTGCATTTAAGACCATTAATTTGATTTTGTGTTTGGCTCGAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_001419

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:	NM_001419.2 , NP_001410.2
RefSeq Size:	6075 bp
RefSeq ORF:	981 bp
Locus ID:	1994
UniProt ID:	Q15717
Cytogenetics:	19p13.2
Domains:	RRM
Gene Summary:	The protein encoded by this gene is a member of the ELAVL family of RNA-binding proteins that contain several RNA recognition motifs, and selectively bind AU-rich elements (AREs) found in the 3' untranslated regions of mRNAs. AREs signal degradation of mRNAs as a means to regulate gene expression, thus by binding AREs, the ELAVL family of proteins play a role in stabilizing ARE-containing mRNAs. This gene has been implicated in a variety of biological processes and has been linked to a number of diseases, including cancer. It is highly expressed in many cancers, and could be potentially useful in cancer diagnosis, prognosis, and therapy. [provided by RefSeq, Sep 2012]