

Product datasheet for SC119271

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
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>OriGene ORF within SC119271 sequence for NM_001419 edited (data generated by NextGen Sequencing)

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ATGTCTAATGGTTATGAAGACCACATGGCCGAAGACTGCAGGGGTGACATCGGGAGAACG
AATTTGATCGTCAACTACCTCCCTCAGAACATGACCCAGGATGAGTTACGAAGCCTGTTC
AGCAGCATTGGTGAAGTTGAATCTGCAAACTTATTCGGGATAAAGTAGCAGGACACAGC
TTGGGCTATGGCTTTGTGAACACTCGTGACCGCGAAGGATGCAGAGAGAGCGATCAACAGC
CTGAACGGCTTGAGGCTCCAGTCAAAAACCATTAAGGTGTCGTATGCTCGCCGAGCTCA
GAGGTGATCAAAGACGCCAACTTGTACATCAGCGGGCTCCCGCGGACCATGACCCAGAAG
GACGTAGAAGACATGTTCTCTCGGTTTGGGCGGATCATCAACTCGCGGGTCTCGTGGAT
CAGACTACAGGTTTGTCCAGAGGGGTTGCGTTTATCCGGTTTGACAAACGGTCGGAGGCA
GAAGAGGCAATTACCAGTTTCAATGGTCATAAAACCCCAAGGTTCCCTCTGAGCCCATCACA
GTGAAGTTTGAGCCAAACCCCAACCCAGAACAAAAACGTGGCACTCCTCTCGCAGCTGTAC
CACTCGCCAGCGCGACGGTTTCGGAGGCCCGTTTACCACCAGGCGCAGAGATTAGGTTTC
TCCCCATGGGCGTCGATCACATGAGCGGGCTCTCTGGCGTCAACGTGCCAGGAAACGCC
TCCTCCGGCTGGTGCATTTTCACTACAACCTGGGGCAGGATGCCGACGAGGGGATCCTC
TGGCAGATGTTTGGGCCGTTTGGTGCCGTCACCAATGTGAAAGTATCCGCGACTTCAAC
ACCAACAAGTGCAAAGGTTTGGCTTTGTGACCATGACAAACTATGAAGAAGCCGCGATG
GCCATAGCCAGCCTGAACGGCTACCGCCTGGGGACAAAATCTTACAGGTTTCTTCAA
ACCAACAAGTCCCACAAATAA

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Clone variation with respect to NM_001419.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_001419 unedited
GGTGCAGATTTTGTATACATTCACTATAGGCGGCCGCGNAATTCGCACGAGGCGCCACCG
CCGCCACCGCTACCGAGGCCGAGCGGAGCCGTTAGCGCCGCGCCGCCGCCCTCCCGCC
CGCCCCGAGCAGCCCCGGGCCCGCCCGCCCGCATCCAGATTTTTGAAAAATACAATGTC
TAATGGTTATGAAGACCACATGGCCGAAGACTGCAGGGGTGACATCGGGAGAACGAATTT
GATCGTCAACTACCTCCCTCAGAACATGACCCAGGATGAGTTACGAAGCCTGTTCCAGCAG
CATTGGTGAAGTTGAATCTGCAAACTTATTCGGGATAAAGTAGCAGGACACAGCTTGGG
CTATGGCTTTGTGAACACTCGTGACCGCAAGGATGCAGAGAGAGCGATCAACACGCTGAA
CGGCTTAGAGCTCCAGTCAAAAACCATTAAAGGTGTCGTATGCTCGCCCGAGCTCAGAGGT
GATCAAAGACGCCAACTTGTACATCAGCGGGCTCCCGCGGACCATGACCCAGAAGGACGT
AGAAGACATGTTCTCTCGGTTTGGGCGGATCATCAACTCGCGGGTCTCGTGGATCAGAC
TACAGGTTTGTCCAGAGGGTTGCGTTTATTCGGTTTGACAAACGGTCCGAGGCAGAAGA
GGCCATTACCAGTTTCAATGGTCATAAACCCCCAGTTCCTTTGAGCCATTACAGTGAA
GTTTGCAGCAACCCCAACAGTACATAAACGTTGCATTCTCTTGAAGTTGTCCACTTG
CCAGGCGACGGTCTGAGGCCCGTTACCACCAGCGCAAAATTTATGTTCTTCCCATG
GGCGCTCGTTACATTAGCGGGCTTCTTGGGTTAACGGGCCAGGAAACGCCTCCTCCGGTG
GTGCATTTTATTCTCAACTGGGGCAGGAGCC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_001419 unedited
TATTCTATGNACCGCNCGCATTCTNANGATCGNATTTTTTTTTTTTTTTTTTTTCGAGCA
AAACAAAATCAAATTTAATGGTCTTAAATGCAAAAGTAAAAACAAAACAAAAACAAAA
AAGCAAAAAAATTAACAGAACAGAACAACCCAAAATGTCAAGGCAGTTATGAAGAGAA
CTTTGAGGGTAACTTTTAAAACATAAATCAAAGTTTTGGTTAATAGATAACTGGCAA
GAAGTAAGTACTTTTCTGCTGAGTGTTCATACAAAAGCAAAATCCAAAACAAAATCCGA
CTAAAATAGAAAAGGTCTAAGCGCTCACGAGAAGGGATGCGAGAAATACAATGCTCAA
TGTTTCTGTGTTATTAATAACAGAGCCATTTACGCCTCCAAGCTATGTTAAATGCTCT
GGAAAACGGGAGAAATTATCGTGAACAACAGTATCCAATGTGTGGGGCGCTGTGCATGCA
ATGTGTGGACAGAACTCGGGATGTCAGAGTAGCAACACATCTTCAGGCGTGCCTGGAGC
TTAGATCTGACTCTGGAATATACTGGAGTTTCCCTGAAACTCTTTGGTCCATTCCCATTG
GTGCTGGGCTTACGAAACACGTTTGTGTCTTTCTGGGAAGGGGCCCGCCAGCATGCC
ACCCCGTGGCCCCGGGCCCACTGGTGGGCCACGCTGGAAGGGGCCCGCCGCCATTCC
CAGAACCACCTCGGAAAACCCGGACTGAGTGAACAGGAAGGGCCAACGGGCCCTGCCT
GGAAAAGGAACTTCTGTCAAACAAAGCAAACATGGTTAAAATGTTGAAACGTTGGAAA
AAACCACACCCCATTTGGTTAACTCTTTTGTAAAAACTAAAATAAAGGGGTTTTT
TTTGCTCCCATCTTGGGAAAAATGAAAGAAAACC

Restriction Sites:

NotI-NotI

ACCN:

NM_001419

Insert Size:

2250 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).

RefSeq:[NM_001419.2](#), [NP_001410.2](#)**RefSeq Size:**

6075 bp

RefSeq ORF:

981 bp

Locus ID:

1994

UniProt ID: [Q15717](#)

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]