

Product datasheet for **SC325834**

ELAVL4 (NM_001144777) Human Untagged Clone

Product data:

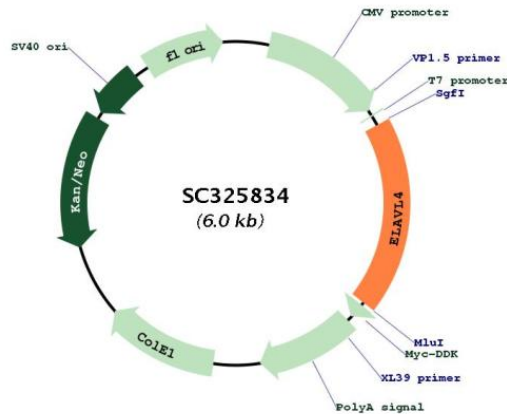
Product Type:	Expression Plasmids
Product Name:	ELAVL4 (NM_001144777) Human Untagged Clone
Tag:	Tag Free
Symbol:	ELAVL4
Synonyms:	HUD; PNEM
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC325834 representing NM_001144777. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCGCCTCAAGAACCAGATAATTAGCACCATGGAGCCTCAGGTGTCAAATGGTCCGACATCCAATACA
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TCCCCAACCGGCGCTACCCAGGTCCACTTACCACCAGGCTCAGAGGTTCAGGCTGGACAAATTTGCTT
AATATGGCCTATGGCGTAAAGAGGTTCTCCCAATTACCATTGATGGAATGACAAGCCTTGTGGGAATG
AACATCCCTGGTCACACAGGAAGTGGGTGGTGCATCTTTGTCTACAACCTGTCCCCGATTCGGATGAG
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TCCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001144777

Insert Size: 1110 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: [NM_001144777.2](#)

RefSeq Size: 3882 bp

RefSeq ORF: 1110 bp

Locus ID: 1996

UniProt ID: [P26378](#)

Cytogenetics: 1p33-p32.3

Protein Families: Druggable Genome

MW: 40.8 kDa

Gene Summary: May play a role in neuron-specific RNA processing. Protects CDKN1A mRNA from decay by binding to its 3' UTR (By similarity). Binds to AU-rich sequences (AREs) of target mRNAs, including VEGF and FOS mRNA.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (5) differs in the 5' UTR and 5' coding region and uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. The encoded isoform (5) has a distinct N-terminus and is shorter than isoform 1.