

## Product datasheet for **RC226919**

### ELAVL4 (NM\_001144774) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ELAVL4 (NM\_001144774) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** ELAVL4  
**Synonyms:** HUD; PNEM  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC226919 representing NM\_001144774  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTTATGATAATTAGCACCATTGGAGCCTCAGGTGTCAAATGGTCCGACATCCAATACAAGCAATGGAC  
CCTCCAGCAACAACAGAACTGTCCTTCTCCCATGCAAACAGGGGCAACCACAGATGACAGCAAAACCAA  
CCTCATCGTCAACTATTTACCCAGAATATGACCCAAGAAGAATTCAGGAGTCTCTTCGGGAGCATTGGT  
GAAATAGAATCCTGCAAACCTGTGAGAGACAAAATTACAGGACAGAGTTTAGGGTATGGATTGTTAACT  
ATATTGATCCAAAGGATGCAGAGAAAGCCATCAACACTTTAAATGGACTCAGACTCCAGACCAAAACCAT  
AAAGGTCTCATATGCCCGTCCGAGCTCTGCCTCAATCAGGGATGCTAACCTCTATGTTAGCGCCTTCCC  
AAAACCATGACCCAGAAGGAACTGGAGCAACTTTTCTCGCAATACGGCCGTATCATCACCTCACGAATCC  
TGGTTGATCAAGTCACAGGAGTGTCCAGAGGGGTGGGATTATCCGCTTTGATAAGAGGATTGAGGCAGA  
AGAAGCCATCAAAGGGCTGAATGGCCAGAAGCCAGCGGTGCTACGGAACCGATTACTGTGAAGTTTGCC  
ACAACCCAGCCAGAAGTCCAGCCAGGCCCTGCTCTCCAGCTCTACCAGTCCCCTAACCGGCGTACC  
CAGGTCCACTTCACCACCAGGCTCAGAGGTTCAGGCTGGACAATTTGCTTAATATGGCCTATGGCGTAAA  
GAGGTTCTCCCAATTACCATTTGATGGAATGACAAGCCTTGTTGGGAATGAACATCCCTGGTCACACAGGA  
ACTGGGTGGTGCATCTTTGTCTACAACCTGTCTCCGATTCCGATGAGAGTGTCTGGCAGCTCTTTG  
GCCCTTTGGAGCAGTGAACAACGTAAAGGTGATTCGTGACTTCAACACCAACAAGTGAAGGGATTTCGG  
CTTTGTACCATGACCAACTATGATGAGGCGGCCATGGCCATCGCCAGCCTCAACGGGTACCGCCTGGGA  
GACAGAGTGTGCAAGTTTCCTTTAAACCAACAAGCCACAAGTCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**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\\_001144774.3](#)

**RefSeq ORF:** 1101 bp

**Locus ID:** 1996

**UniProt ID:** [P26378](#)

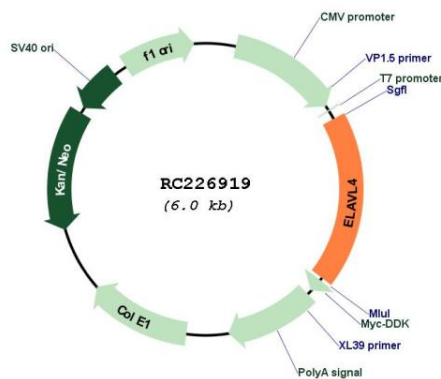
**Cytogenetics:** 1p33-p32.3

**Protein Families:** Druggable Genome

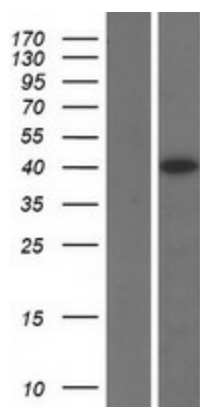
**MW:** 40.2 kDa

**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]

**Product images:**



Circular map for RC226919



Western blot validation of overexpression lysate (Cat# [LY428514]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC226919 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).