

Product datasheet for **RC226943**

ELAVL4 (NM_001144777) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ELAVL4 (NM_001144777) 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:	>RC226943 representing NM_001144777 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCGCCTCAAGAACCAGATAATTAGCACCATGGAGCCTCAGGTGTCAAATGGTCCGACATCCAATACAA
GCAATGGACCCTCCAGCAACAACAGAACTGTCTTCTCCCATGCAAACAGGGGCAACCACAGATGACAG
CAAAACCAACCTCATCGTCAACTATTTACCCAGAATATGACCCAAGAAGAATTCAGGAGTCTCTCGGG
AGCATTGGTGAATAGAATCCTGCAAACCTGTGAGAGACAAAATTACAGGACAGAGTTTAGGGTATGGAT
TTGTTAACTATATTGATCCAAGGATGCAGAGAAAGCCATCAACACTTTAAATGGACTCAGACTCCAGAC
CAAAACCATAAAGGTCTCATATGCCCGTCCGAGCTCTGCCTCAATCAGGGATGCTAACCTCTATGTTAGC
GGCCTTCCAAAACCATGACCCAGAAGGAAGTGGAGCAACTTTTCTCGAATACGGCCGTATCATCACCT
CACGAATCCTGGTTGATCAAGTCACAGGAGTGTCCAGAGGGGTGGGATTCATCCGCTTGTATAAGAGGAT
TGAGGCAGAAGAAGCCATCAAAGGGTGAATGGCCAGAAGCCAGCGGTGCTACGGAACCGATTACTGTG
AAGTTTGCCAACAACCCAGCCAGAAGTCCAGCCAGGCCCTGCTCTCCAGCTCTACCAGTCCCCAACC
GGCGTACCCAGGTCCACTTCACCACCAGGCTCAGAGGTTGAGGTTGAGGTTGTTGTTAATATGGCCTA
TGGCGTAAAGAGGTTCTCCCAATTACCATTGATGGAATGACAAGCCTTGTGGGAATGAACATCCCTGGT
CACACAGGAAGTGGTGGTGCATCTTTGTCTACAACCTGTCCCGGATTCGGATGAGAGTGCCTCTGGC
AGCTCTTTGGCCCTTTGGAGCAGTGAACAACGTAAGGTTGATTTCGTGACTTCAACACCAACAAGTGCAA
GGGATTCGGCTTTGTACCATGACCAACTATGATGAGGCGGCCATGGCCATCGCCAGCCTCAACGGGTAC
CGCCTGGGAGACAGAGTGTGCAAGTTTCTTTAAACCAACAAAGCCACAAGTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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_001144777.3](#)

RefSeq ORF: 1110 bp

Locus ID: 1996

UniProt ID: [P26378](#)

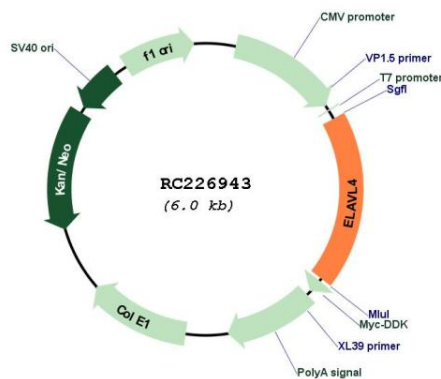
Cytogenetics: 1p33-p32.3

Protein Families: Druggable Genome

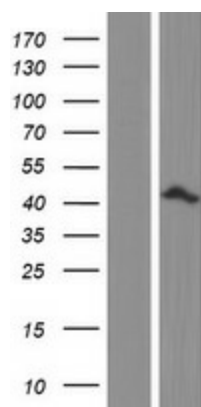
MW: 40.6 kDa

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 RC226943



Western blot validation of overexpression lysate (Cat# [LY428517]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC226943 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).