

Product datasheet for **MC202586**

Elavl4 (NM_001038698) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Elavl4 (NM_001038698) Mouse Untagged Clone
Tag: Tag Free
Symbol: Elavl4
Synonyms: Elav; Hud; PNEM
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC052451 sequence for NM_001038698
GGGGTTCAGCTCACTGCGCTTTTCTCCTCTCTTTTTTTTCCCCTTTCTTTCCACCCACCCCT
CCCAATAATAGATTTACTTTACAATCATCCACTGTGGTCTGTGGATCTTTAATATATATATATAAA
ACAATAGTAGTCATTTTTAAGTATATTCTGAAACCTTTGCAAATTTAAGAGAAGAGTCGAAGCGCTGCG
AGACCCAATATTTGCCAATAAGAATGGTTATGATAATTAGCACCATGGAGCCTCAGGTGTCAAATGGACC
GACATCCAATACAAGCAATGGACCCTCCAGCAACAACAGAACTGTCCTTCTCCCATGCAGACAGCGCC
GCCACAGATGACAGCAAAACCACTCATCGTCAACTATTTACCCAGAAATGACCCAAGAGGAATTCA
GGAGTCTCTTTGGGAGCATTGGTGAAATAGAATCCTGCAAACCTGAGAGACAAATCACAGGACAGAG
TTTAGGGTATGGATTTGTTAACTATATTGATCCAAAGGATGCAGAGAAAGCCATCAACACTTTAAATGGA
CTCAGACTCCAGACCAAAACCATAAAGGTGCTACGCCGCCAAGCTCGGCTCGATCAGGGATGCTA
ACCTGTATGTTAGTGGCCTTCCAAGACCATGACCCAGAAGGAGCTGGAGCAGCTTTTCTCTCAATACGG
TCGCATCATCACCTCACGCATCCTGGTTGATCAAGTACAGGGGTCTCTAGAGGGGTGGGATTCATCCGC
TTTGATAAGAGGATTGAGGCAGAAGAAGCCATCAAAGGACTGAATGGCCAGAAGCCAGCGGTGCTACAG
AACCGTACTGTGAAGTTTGCCAACAACCCAGCCAGAAGTCCAGCCAGGCCCTGCTCTCCAGCTGTA
CCAGTCCCCAACAGGCGATACCTGGCCCTCTCCACCACCAGGCTCAAAGATTCAGGCTGGACAATTTG
CTTAATATGGCCTATGGCGTAAAGAGACTGATGTCTGGACCAGTCCCCCTTCTGCTTGTCCCCCAGGT
TCTCCCAATCACCATTGACGGGATGACAAGTCTTGTGGGAATGAACATCCCTGGTCACACAGGGACAGG
CTGGTGCATCTTCGTCTATAACCTGTCCCCTGATTCTGATGAGAGTGTCTCTGGCAGCTTTTGGCCCC
TTTGGCGCAGTGAACAACGTCAAGTCAATCCGTGACTTCAACCAACAAGTGAAGGGATTCCGGCTTCG
TACCATGACCAACTACGATGAGGCAGCCATGGCCATCGCCAGCCTCAATGGCTATCGCCTGGGAGACAG
AGTGTGCAAGTTTCTTTAAAACCAACAAGCCACAAATCCTGAATTTCTCACCTTACTTATTA
TATATATAAATATATACGAACAAAACATGCGCGCACACACATACAAAAAGAGAGACAAAATTTCC
AAGGCTTATATCAACCATGGACTTTATAAGCCCGCTTGCCTAAGTATTAACATTGGATTATCTCGA
GGTGTACCAGGAAAGGATTTTATAATGCTTAGAAAAA

Restriction Sites: AscI-NotI



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ACCN:	NM_001038698
Insert Size:	1143 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).
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:	BC052451 , AAH52451
RefSeq Size:	1592 bp
RefSeq ORF:	1143 bp
Locus ID:	15572
UniProt ID:	Q61701
Cytogenetics:	4 51.42 cM
Gene Summary:	<p>May play a role in neuron-specific RNA processing. Protects CDKN1A mRNA from decay by binding to its 3' UTR. Binds to AU-rich sequences (AREs) of target mRNAs, including VEGF and FOS mRNA (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (b) has a shorter and distinct N-terminus compared to isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>