

Product datasheet for **MC208730**

Elavl2 (NM_010486) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Elavl2 (NM_010486) Mouse Untagged Clone
Tag: Tag Free
Symbol: Elavl2
Synonyms: Hub; mel-N1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208730 representing NM_010486
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**C

ATGGAAACACAACCTGTCTAATGGGCCAACTTGCAATAACACAGCCAATGGTCCAACCACTGTAACAACA
 ACTGCTCCTCACCAGTTGACTCCGGGAACACAGAGGACAGCAAGACCAACCTAATAGTCACTACCTTCC
 TCAGAACATGACACAGGAAGAATAAAGAGTCTTTTGGGAGCATTGGCGAGATAGAGTCTGTAAAGCTT
 GTAAGAGACAAAATAACAGGGCAGAGCTTGGGTTACGGATTTGTGAACTACATTGACCCCAAGGATGCAG
 AGAAAGCTATCAACACTCTGAATGGATTGAGACTTCAAACCAAAACAATAAAAGTTTCCTATGCTCGCCC
 AAGCTCAGCCTCAATCAGAGATGCAAATATACGTCAGCGGGCTTCAAAAACCATGACCCAGAAGGAG
 CTGGAACAGCTGTTTTACAGTATGGGCGCATCTACTTCTCGGATTCTGTGCGACCAGGTCAGTGGCA
 TATCAAGGGGTGAGGGTTTATTCGATTTGACAAGCGGATTGAGGCAGAAGAAGCTATCAAAGGCCATAA
 TGGCCAGAAACCTCCTGGTGCCACAGAGCCAATCACTGTAAGTTTGCTAATAATCCAAGCCAAAAAAC
 AATCAGGCCATCCTTTCCAGCTGTACCAGTCTCAAACAGAAGGTACCCAGGACCGCTAGCTCAGCAGG
 CACAGCGTTTTAGTTGGACAATCTGCTCAATATGGCTTATGGAGTGAAGAGTAGGTTTTCTCCAATGAC
 GATCGATGGAATGACCAGTCTGGCTGGAATTAATATTCTGGGCACCCTGGAACAGGCTGGTGCATATTT
 GTGTACAACCTGGCGCCTGATGCAGATGAAAGTATCCTGTGGCAAATGTTTGGGCCTTTTGGAGCTGCA
 CCAACGTGAAGGTCATCCGTGACTTTAACACCAATAAGTGCAAAGGTTTTGGATTTGTGACTATGACAAA
 CTATGATGAGGCGCCATGGCGATAGCTAGCCTCAATGGATACCGCTGGGAGACAGAGTCTGCAGGTC
 TCCTTTAAGACAAAACAAACGCACAAAGCCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_010486



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Insert Size:	1083 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:	<u>NM_010486.2</u> , <u>NP_034616.1</u>
RefSeq Size:	3780 bp
RefSeq ORF:	1083 bp
Locus ID:	15569
UniProt ID:	<u>Q60899</u>
Cytogenetics:	4 42.36 cM
Gene Summary:	<p>Binds RNA. Seems to recognize a GAAA motif. Can bind to its own 3' UTR, the FOS 3' UTR and the ID 3' UTR.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) has multiple differences, one of which causes translation initiation at a downstream start codon, compared to variant 5. The resulting isoform (2) has a shorter N-terminus and has one additional aa in the C-terminus when it is compared to isoform 5.</p>