

## Product datasheet for **MC217710**

### Elavl2 (NM\_001177883) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Elavl2 (NM\_001177883) 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:** >MC217710 representing NM\_001177883  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAACACAACCTGTCTAATGGGCCAAGTTCGCAATAACACAGCCAATGGTCCAACCACTGTAACAACA  
 ACTGCTCCTCACCAGTTGACTCCGGGAACACAGAGGACAGCAAGACCAACCTAATAGTCACTACCTTCC  
 TCAGAACATGACACAGGAAGAATAAAGAGTCTTTTGGGAGCATTGGCGAGATAGAGTCTGTAAGCTT  
 GTAAGAGACAAAATAACAGGGCAGAGCTTGGGTTACGGATTTGTGAACTACATTGACCCCAAGGATGCAG  
 AGAAAGCTATCAACACTCTGAATGGATTGAGACTTCAAACCAAAAACAATAAAAGTTTCCTATGCTCGCCC  
 AAGCTCAGCCTCAATCAGAGATGCAAACCTATACGTCAGCGGGCTTCAAAAACCATGACCCAGAAGGAG  
 CTGGAACAGCTGTTTTACAGTATGGGCGCATCTACTTCTCGGATTCTGTGCGACCAGGTCAGTGGCA  
 TATCAAGGGGTGTAGGGTTTATTCGATTTGACAAGCGGATTGAGGCAGAAGAAGCTATCAAAGGCCATAA  
 TGGCCAGAAACCTCCTGGTGCCACAGAGCCAATCACTGTAAGTTTGCTAATAATCCAAGCCAAAAAAC  
 AATCAGGCCATCCTTTCCAGCTGTACCAGTCTCAAACAGAAGGTACCCAGGACCGCTAGCTCAGCAGG  
 CACAGCGTTTTAGTTGGACAATCTGCTCAATATGGCTTATGGAGTGAAGAGGTTTTCTCCAATGACGAT  
 CGATGGAATGACCACTGCTGGCTGGAATTAATATTCCTGGGCACCTGGAACAGGCTGGTGATATTTGTG  
 TACAACCTGGCGCCTGATGCAGATGAAAGTATCCTGTGGCAAATGTTTGGGCCTTTTGGAGCTGTACCA  
 ACGTGAAGGTCATCCGTGACTTTAACACCAATAAGTGCAAAGTTTTGGATTTGTGACTATGACAAACTA  
 TGATGAGGCGGCCATGGCGATAGCTAGCCTCAATGGATACCGCCTGGGAGACAGAGTCTGCAGGTCTCC  
 TTTAAGACAAAACAAACGCACAAAGCT**TAA**

**ACGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001177883



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<b>Insert Size:</b>	1080 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001177883.1, NP_001171354.1</u>
<b>RefSeq Size:</b>	4182 bp
<b>RefSeq ORF:</b>	1080 bp
<b>Locus ID:</b>	15569
<b>Cytogenetics:</b>	4 42.36 cM
<b>Gene Summary:</b>	<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 (4) lacks an alterntae exon in the 5' end, which causes translation initiation at a downstream start codon, compared to variant 5. The resulting isoform (4) has a shorter N-terminus when it is compared to isoform 5.</p>