

## Product datasheet for **MC208732**

### Elavl2 (NM\_207686) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Elavl2 (NM\_207686) 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:** >MC208732 representing NM\_207686  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAACACAACCTGTCTAATGGGCCAACTTGAATAACACAGCCAATGGTCCAACCACTGTAACAACA  
 ACTGCTCCTCACCAGTTGACTCCGGGAACACAGAGGACAGCAAGCCAACCTAATAGTCAACTACCTTCC  
 TCAGAACATGACACAGGAAGAATAAAGAGTCTTTTTGGGAGCATTGGCGAGATAGAGTCTGTAAGCTT  
 GTAAGAGACAAAATAACAGGGCAGAGCTTGGGTTACGGATTTGTGAACTACATTGACCCCAAGGATGCAG  
 AGAAAGCTATCAACACTCTGAATGGATTGAGACTTCAAACCAAAAACAATAAAAGTTTCCTATGCTCGCCC  
 AAGCTCAGCCTCAATCAGAGATGCAAACCTATACGTCAGCGGGCTTCAAAAACCATGACCCAGAAGGAG  
 CTGGAACAGCTGTTTTACAGTATGGGCGCATCTACTTCTCGGATTCTGTGCGACCAGGTCAGTGGCA  
 TATCAAGGGGTGAGGGTTTATTCGATTTGACAAGCGGATTGAGGCAGAAGAAGCTATCAAAGGCCATAA  
 TGGCCAGAAACCTCCTGGTGCCACAGAGCCAATCACTGTAAGTTTGCTAATAATCCAAGCCAAAAAAC  
 AATCAGGCCATCCTTTCCAGCTGTACCAGTCTCAAACAGAAGGTACCCAGGACCGCTAGCTCAGCAGG  
 CACAGCGTTTTAGTAGGTTTTCTCCAATGACGATCGATGGAATGACCAGTCTGGCTGGAATTAATATTC  
 TGGGCACCTGGAACAGGCTGGTGCATATTTGTGTACAACCTGGCGCTGATGCAGATGAAAGTATCCTG  
 TGGCAAATGTTTGGCCCTTTTGGAGCTGTCAACACGTGAAGGTATCCGTGACTTTAACCAATAAGT  
 GCAAAGTTTTGGATTTGTGACTATGACAACTATGATGAGGCGCCATGGCGATAGCTAGCCTCAATGG  
 ATACCGCTGGGAGACAGAGTCTCGAGGTCTCCTTTAAGACAAACAAACGCACAAAGCC**TAA**

**ACGGT**ACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_207686



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<b>Insert Size:</b>	1044 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>	<a href="#">NM_207686.1</a> , <a href="#">NP_997569.1</a>
<b>RefSeq Size:</b>	3741 bp
<b>RefSeq ORF:</b>	1044 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 (3) has multiple differences, one of which causes translation initiation at a downstream start codon, compared to variant 5. The resulting isoform (3) has a shorter N-terminus and has one additional aa in the C-terminus when it is compared to isoform 5.</p>