

Product datasheet for **MR205233**

Elavl2 (NM_207686) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Elavl2 (NM_207686) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Elavl2
Synonyms: Hub; mel-N1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR205233 representing NM_207686
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAACACAACCTGTCTAATGGGCCAACTTGCAATAACACAGCCAATGGTCCAACCACTGTAACAACA
ACTGCTCCTCACCAGTTGACTCCGGGAACACAGAGGACAGCAAGACCAACCTAATAGTCACTACCTTCC
TCAGAACATGACACAGGAAGAATAAAGAGTCTTTTTGGGAGCATTGGCGAGATAGAGTCTGTAAAGCTT
GTAAGAGACAAAATAACAGGGCAGAGCTTGGGTTACGGATTTGTGAACTACATTGACCCCAAGGATGCAG
AGAAAGCTATCAACACTCTGAATGGATTGAGACTTCAAACCAAAAACAATAAAAGTTTCCTATGCTCGCCC
AAGCTCAGCCTCAATCAGAGATGCAAACCTATACGTCAGCGGGCTTCAAAAACCATGACCCAGAAGGAG
CTGGAACAGCTGTTTTACAGTATGGGCGCATCTACTTCTCGGATTCTGTGCGACCAGGTCAGTGGCA
TATCAAGGGGTGAGGGTTTATTCGATTTGACAAGCGGATTGAGGCAGAAGAAGCTATCAAAGGCCATAA
TGGCCAGAAACCTCCTGGTGCCACAGAGCCAATCACTGTAAGTTTGCTAATAATCCAAGCCAAAAAAC
AATCAGGCCATCCTTTCCAGCTGTACCAGTCTCAAACAGAAGGTACCCAGGACCGCTAGCTCAGCAGG
CACAGCGTTTTAGTAGGTTTTCTCAATGACGATCGATGGAATGACCAGTCTGGCTGGAATTAATATTCC
TGGGCACCTGGAACAGGCTGGTGCATATTTGTGTACAACCTGGCGCTGATGCAGATGAAAGTATCCTG
TGGCAAATGTTTGGCCCTTTTGGAGCTGTCAACACGTGAAGGTATCCGTGACTTTAACACCAATAAGT
GCAAAGTTTTGGATTTGTGACTATGACAACTATGATGAGGCGCCATGGCGATAGCTAGCCTCAATGG
ATACCGCTGGGAGACAGAGTCTGCAGGTCTCCTTTAAGACAAACAAAACGCACAAAGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR205233 representing NM_207686
Red=Cloning site Green=Tags(s)

METQLSNGPTCNNTANGPTTVNNNCSSPVDSGNTEDSKTNLIVNYLPQNMTQEELKSLFGSIGEIESCKL
 VRDKITGQSLGYGFVNYIDPKDAEKAINTLNLRLQTKTIKVSYPSSASIRDANLYVSGLPKMTQKE
 LEQLFSQYGRIITSRILVDQVTGISRGVGFIRFDKRIEAEAAIKGLNGQKPPGATEPITVKFANNPSQKT
 NQAILSQLYQSPNRRYPGLAQQAQRF SRFSPMTIDGMTSLAGINIPGHPGTWCIFVYNLAPDADESIL
 WQMFPGF GAVTNVKVIRDFNTNCKCKGFGFVTMTNYDEAAMAIASLNGYRLGDRVLQVSFKTNKTHKA

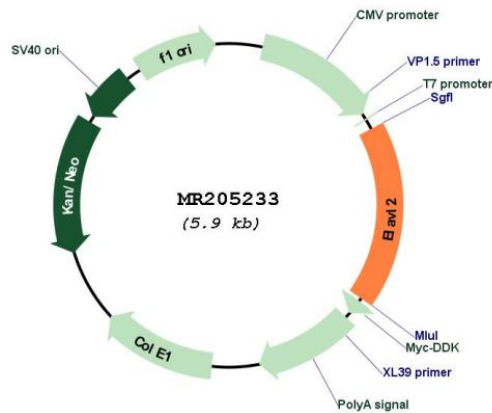
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_207686
ORF Size: 1041 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_207686.1 , NP_997569.1
RefSeq Size:	3741 bp
RefSeq ORF:	1044 bp
Locus ID:	15569
Cytogenetics:	4 42.36 cM
MW:	38.5 kDa
Gene Summary:	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]