

Product datasheet for **MG219803**

Elavl2 (NM_207685) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Elavl2 (NM_207685) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Elavl2
Synonyms:	Hub; mel-N1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG219803 representing NM_207685 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACAAAGCAATATGAGGTTGCTGTGCAGGTAATTGCTGCCATGGAAACACAACGTCTAATGGGCCAA
CTTGCAATAACACAGCCAATGGTCCAACACTGTAACAACAACGTCTCCTCACCAGTTGACTCCGGGAA
CACAGAGGACAGCAAGACCAACCTAATAGTCAACTACCTTCCTCAGAATGACACAGGAAGAATAAG
AGTCTTTTGGGAGCATTGGCGAGATAGAGTCCTGTAAGCTTGTAAAGACAAAAAACAGGGCAGAGCT
TGGGTTACGGATTGTGAACTACATTGACCCCAAGGATGCAGAGAAAGCTATCAACACTCTGAATGGATT
GAGACTTCAAACCAAAACAATAAAAGTTTCTATGCTCGCCAAGCTCAGCCTCAATCAGAGATGCAAA
TTATACGTGACGGGCTTCCAAAAACATGACCCAGAAGGAGCTGGAACAGCTGTTTTACAGTATGGGC
GCATCATTACTTCTCGGATTCTTGTGACACAGGCTCACTGGCATATCAAGGGGTGTAGGGTTATTGATT
TGACAAGCGGATTGAGGCAGAAGAAGCTATCAAAGGCCTAAATGGCCAGAAACCTCCTGGTGCCACAGAG
CCAATCACTGTAAAGTTTGCTAATAATCCAAGCAAAAAACCAATCAGGCCATCCTTTCCAGCTGTACC
AGTCTCCAACAGAAGGTACCCAGGACCGCTAGCTCAGCAGGCACAGCGTTTTAGGTTGGACAATCTGCT
CAATATGGCTTATGGAGTGAAGAGGTTTTCTCCAATGACGATCGATGGAATGACCACTCTGGCTGGAATT
AATATTCCTGGCACCCCTGGAACAGGCTGGTGCATATTTGTGTACAACCTGGCGCCTGATGCAGATGAAA
GTATCCTGTGGCAAATGTTTGGGCCTTTTGGAGCTGTACCAACGTGAAGGTATCCGTGACTTTAACAC
CAATAAGTGCAAAGGTTTTGGATTTGTGACTATGACAAATATGATGAGGCGGCCATGGCGATAGCTAGC
CTCAATGGATACCGCTGGGAGACAGAGTCTGACAGTCTCCTTTAAGACAAACAAAACGCACAAAGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG219803 representing NM_207685
 Red=Cloning site Green=Tags(s)

MTKQYEVAVQVIAAMETQLSNGPTCNNTANGPTTVNNNCSSPVDSGNTEDSKTNLIVNYLPQNMTQEELK
 SLFGSIGEIESCKLVDRKITGQSLGYGFVNYIDPKDAEKAINLNLRLQTKTIKVSYPSSASIRDAN
 LYVSGLPKMTMQKELEQLFSQYGRITTSRILVDQVTGISRGVGFIRFDKRIEAEAEIAKGLNGQKPPGATE
 PITVKFANNPSQKTNQAILSQLYQSPNRRYPGPLAQQAQRFRLDNLLNMYGVKRFSPMTIDGMTSLAGI
 NIPGHPGTGWCIFVYNLAPDADESILWQMFPGFVAVTNVKVIRDFNTNKCKGFGFVTMTNYDEAAMAIAS
 LNGYRLGDRVLQVSFKTNKTHKA

TRTRPLE - GFP Tag - V

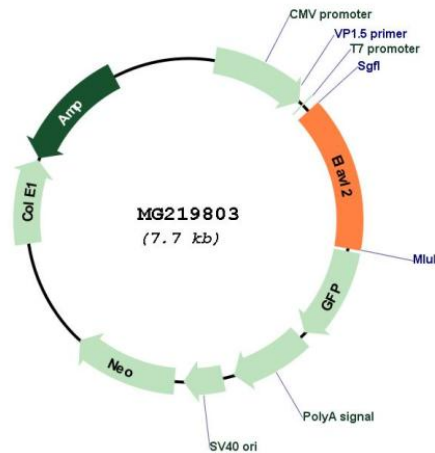
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_207685

ORF Size:	1119 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_207685.2
RefSeq Size:	3889 bp
RefSeq ORF:	1122 bp
Locus ID:	15569
Cytogenetics:	4 42.36 cM
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]