

Product datasheet for **MG205233**

Elavl2 (BC046598) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Elavl2 (BC046598) 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:	>MG205233 representing BC046598 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAACACAACCTGTCTAATGGGCCAACTTGCAATAACACAGCCAATGGTCCAACCACTGTAACAACA
ACTGCTCCTCACCAGTTGACTCCGGGAACACAGAGGACAGCAAGACCAACCTAATAGTCAACTACCTTCC
TCAGAACATGACACAGGAAGAATAAAGAGTCTTTTTGGGAGCATTGGCGAGATAGAGTCTGTAAGCTT
GTAAGAGACAAAATAACAGGGCAGAGCTTGGGTTACGGATTTGTGAACACTGACCCCAAGGATGCAG
AGAAAGCTATCAACACTCTGAATGGATTGAGACTTCAAACAAAACAATAAAAGTTTCTATGCTCGCCC
AAGCTCAGCCTCAATCAGAGATGCAAACCTATAGTCAAGCGGCTTCAAAAACCATGACCCAGAAGGAG
CTGGAACAGCTGTTTTACAGTATGGGCGCATCTACTTCTCGGATTCTGTGACCCAGGTCAGTGGCA
TATCAAGGGGTGTAGGGTTTATTCGATTTGACAAGCGGATTGAGGCGAGAAGAAGCTATCAAGGCCTAAA
TGGCCAGAAAACCTCCTGGTGCCACAGAGCCAATCACTGTAAAGTTTGCTAATAATCCAAGCCAAAAAAC
AATCAGGCCATCCTTTCCAGCTGTACCAGTCTCCAAACAGAAGGTACCCAGGACCGCTAGCTCAGCAGG
CACAGCGTTTTAGTAGGTTTTCTCCAATGACGATCGATGGAATGACCAGTCTGGCTGGAATTAATATTCC
TGGCACCCCTGGAACAGGCTGGTGCATATTTGTGTACAACCTGGCGCCTGATGCAGATGAAAGTATCCTG
TGGCAAATGTTTTGGCCTTTTGGAGCTGTCACCAACGTGAAGGTGATCCGTGACTTTAACACCAATAAGT
GCAAAGGTTTTGGATTTGTGACTATGACAAACTATGATGAGGCGCCATGGCGATAGCTAGCCTCAATGG
ATACCGCCTGGGAGACAGAGTCTGCGAGTCTCCTTTAAGACAAAACAAACGCACAAAGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205233 representing BC046598
Red=Cloning site Green=Tags(s)

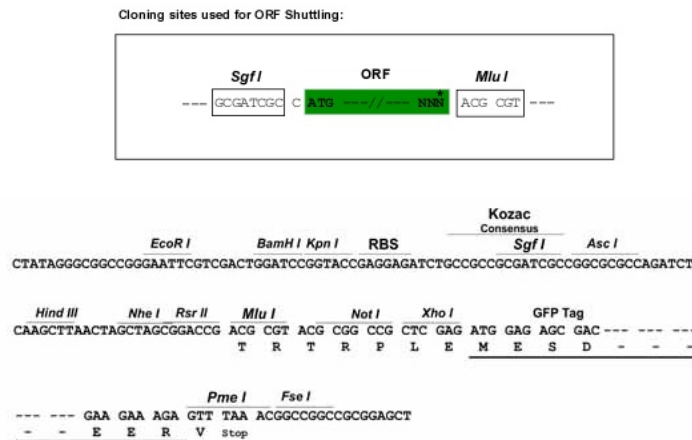
METQLSNGPTCNNTANGPTTVNNNCSSPVDSGNTEDSKTNLIVNYLPQNMTQEELKSLFGSIGEIESCKL
 VRDKITGQSLGYGFVNYIDPKDAEKAINTLNGLRLQTKTIKVSYPSSASIRDANLYVSGLPKMTQKE
 LEQLFSQYGRIITSRILVDQVTGISRGVGFIRFDKRIEAEAAIKGLNGQKPPGATEPITVKFANNPSQKT
 NQAILSQLYQSPNRRYPGPLAQQAQRF SRFSPMTIDGMTSLAGINIPGHPGTGWCIFVYNLAPDADESIL
 WQMF GPF GAVTNVKVIRDFNTNKCKGFGFVTMTNYDEAAMAIASLNGYRLGDRVLQVSFKTNKTHKA

TRTRPLE - GFP Tag - V

Chromatograms: https://cdn.origene.com/chromatograms/ja2082_d10.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC046598

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:

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: [BC046598](#), [AAH46598](#)

RefSeq Size: 3665 bp

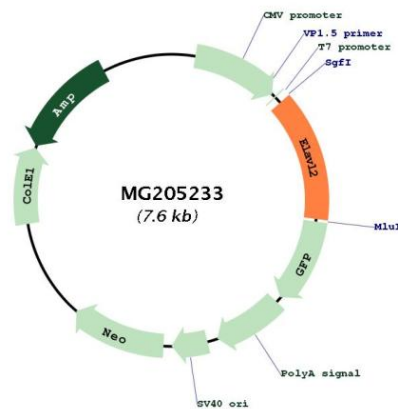
RefSeq ORF: 1043 bp

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]

Product images:



Circular map for MG205233