

## Product datasheet for **MG205655**

### Elavl3 (NM\_010487) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Elavl3 (NM_010487) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Elavl3
Synonyms:	2600009P04Rik; Huc; mHuC; PLE21
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205655 representing NM_010487 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTCACTCAGATACTGGGGCCATGGAGTCTCAGGTTGGGGGGGGCCGGCCGGCCCGCCCTGCCCA  
ACGGGCCACTCCTGGGACAAATGGAGCCACTGACGACAGCAAGACCAACCTCATCGTCAACTACCTACC  
CCAGAACATGACACAGGACGAGTTCAAGAGTCTCTCGGCAGCATCGGGACATTGAATCCTGCAAGTTG  
GTTCCGGGATAAGATCACAGGGCAGAGCCTGGGCTATGGGTTTGTGAAGTACTCTGACCCCAATGATGCAG  
ACAAAGCCATCAACACCCTCAATGGCCTCAAATGCAGACCAAGACCATCAAGGTGTCCTATGCACGTCC  
CAGTTCTGCCTCTATCCGGGATGCCAACCTGTATGTCAGTGGCCTCCCAAGACCATGAGCCAGAAGGAG  
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TCTCTCGGGGTGTGGGATTATCCGCTTTGACAAGAGGATCGAGGCAGAGGAGGCCATCAAGGGACTGAA  
TGGGCAGAAACCACTGGGTGCTGCTGAGCCATCACGGTCAAGTTCGAAACAACCAAGTCAGAAGACA  
GGCAGGCCCTGCTACCCACCTGTACCAGTCTCTGCCAGGCGCTACGCCGGCCCTGCACCATCAGA  
CACAGCGCTTCCGGCTGGACAATTTGCTCAATATGGCTACGGAGTCAAGAGTCCCCTGTCGCTCATCGC  
CAGGTTCTCCCAATCGCCATCGATGGCATGAGTGGCTGGCAGGCGTGGGCTTGTCCGGAGGCGCTGCA  
GGCGCTGGCTGGTGCATTTCTGTGTACAACCTGTCCCCAGAAGCTGATGAGAGCGTGTGTCGAGCTTT  
TCGGACCCTTTGGGGCGGTACCAATGTCAAGGTCAATCCGAGATTTACCACCAACAAGTCAAGGGTTT  
CGGCTTCGTCACCATGACCAACTACGACGAGGCTGCCATGGCTATCGCCAGCCTCAACGGCTACCGCCTG  
GGCAGCGCTGCTGCAGGTGTCCTTCAAGACCAGCAAGCAGCACAAGGCC

**ACCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG205655 representing NM\_010487  
 Red=Cloning site Green=Tags(s)

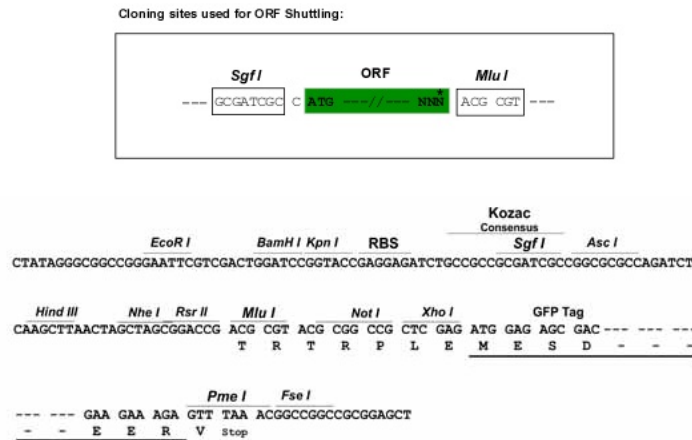
MVTQILGAMESQVGGGPAGPALPNGPLLGTNGATDDSKTNLIVNYLPQNMTQDEFKSLFGSIGDIESCKL  
 VRDKITGQSLGYGFVNYSDPNDADKAINTLNGLKLTQTKIKVSYARPSSASIRDANLYVSGLPKTM SQKE  
 MEQLFSQYGRIITSRILLDQATGVS RGVGFI RFDKRIEAEAEAIKGLNGQKPLGAAEPITVKFANNPSQKT  
 GQALLTHLYQSSARRYAGPLHHQTQRFRDLNLLNMAYGVKSPLSLIARFSPIAIDGMSGLAGVGLSGGAA  
 GAGWCIFVYNLSPEADESVLWQLFGPFGAVTNVKVIRDFTTNKCKGFGFVTMTNYDEAAMAIASLNGYRL  
 GERVLQVSFKTSKQHKA

TRTRPLE - GFP Tag - V

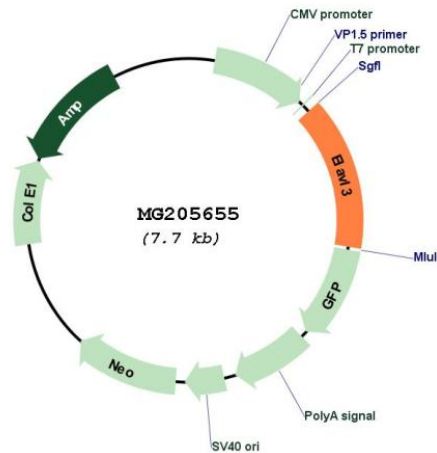
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:**

NM\_010487

<b>ORF Size:</b>	1101 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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_010487.2</a>
<b>RefSeq Size:</b>	2247 bp
<b>RefSeq ORF:</b>	1104 bp
<b>Locus ID:</b>	15571
<b>UniProt ID:</b>	<a href="#">Q60900</a>
<b>Cytogenetics:</b>	9 8.07 cM
<b>Gene Summary:</b>	Binds to AU-rich sequences (AREs) of target mRNAs, including VEGF mRNA. May also bind poly-A tracts via RRM 3. May be involved in neuronal differentiation and maintenance. [UniProtKB/Swiss-Prot Function]