

Product datasheet for MR205655

Elavl3 (NM_010487) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Elavl3 (NM_010487) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Elavl3
Synonyms:	2600009P04Rik; Huc; mHuC; PLE21
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR205655 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTCACTCAGATACTGGGGCCATGGAGTCTCAGGTTGGGGGGGGCCGGCCGGCCCGCCCTGCCCA
ACGGGCCACTCCTTGGGACAAATGGAGCCACTGACGACAGCAAGACCAACCTCATCGTCAACTACCTACC
CCAGAACATGACACAGGACGAGTTCAAGAGTCTCTTCGGCAGCATCGGGACATTGAATCCTGCAAGTTG
GTTCCGGATAAGATCACAGGGCAGAGCCTGGGCTATGGGTTTGTGAATACTCTGACCCCAATGATGCAG
ACAAAGCCATCAACACCCTCAATGGCCTCAAAGTGCAGACCAAGACCATCAAGGTGTCCTATGCAGTCC
CAGTTCTGCCTCTATCCGGGATGCCAACCTGTATGTCAAGTGGCCTCCCAAGACCATGAGCCAGAAGGAG
ATGGAGCAGCTCTTCTCCAGTACGGCCGAATCATCACTTCCAGAATCCTGCTGGACCAGGCCACAGGTG
TCTCTCGGGGTGTGGGATTATCCGCTTTGACAAGAGGATCGAGGCAGAGGAGGCCATCAAGGGACTGAA
TGGGCAGAAACCACTGGGTGCTGCTGAGCCATCACGGTCAAGTTCGAAACAACCAAGTCAGAAGACA
GGCAGGCCCTGCTCACCCACCTGTACCAGTCTCTGCCAGGCGCTACGCCGGCCCTGCACCATCAGA
CACAGCGCTTCCGGCTGGACAATTTGCTCAATATGGCCTACGGAGTCAAGAGTCCCCTGTCGCTCATCGC
CAGGTTCTCCCAATCGCCATCGATGGCATGAGTGGCCTGGCAGGCGTGGGCTTGTCCGGAGGCGCTGCA
GGCCTGGTGGTGCATTTCTGTGTACAACCTGTCCCAAGAGCTGATGAGAGCGTGTGTGGCAGCTTT
TCGGACCCTTTGGGGCGGTACCAATGTCAAGGTCAAGGATTCAGGATTTACCAACCAAGTCAAGGGTTT
CGGCTTCGTCACCATGACCAACTACGACGAGGCTGCCATGGCTATCGCCAGCCTCAACGGCTACCGCCTG
GGCAGGCGGTGCTGCAGGTGTCCTTCAAGACCAGCAAGCAGCACAAGGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence: >MR205655 protein sequence
Red=Cloning site Green=Tags(s)

MVTQILGAMESQVGGGPAGPALPNGPLLGTNGATDDSKTNLIVNYLPQNMTQDEFKSLFGSIGDIESCKL
 VRDKITGQSLGYGFVNYSDPNDADKAINTLNGLKLTQTKIKVSYARPSSASIRDANLYVSGLPKTM SQKE
 MEQLFSQYGRIITSRILLDQATGVS RGVGFI RFDKRIEAEAEAIKGLNGQKPLGAAEPITVKFANNPSQKT
 GQALLTHLYQSSARRYAGPLHHQTQRFRLDNLLNMAYGVKSPLSLIARFSPIAIDGMSGLAGVGLSGGAA
 GAGWCIFVYNLSPEADESVLWQLFGPF GAVTNVKVIRDFTTNKCKGFGFVTMTNYDEAAMAIAASLNGYRL
 GERVLQVSFKTSKQHKA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_010487

ORF Size: 1104 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: [NM_010487.2](#)

RefSeq Size: 5027 bp

RefSeq ORF: 1104 bp

Locus ID: 15571

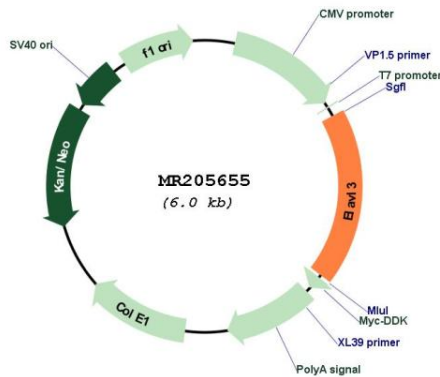
UniProt ID: [Q60900](#)

Cytogenetics: 9 8.07 cM

MW: 39.5 kDa

Gene Summary: 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]

Product images:



Circular map for MR205655