

## Product datasheet for **MR229925**

### **Eva1c (NM\_001199210) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Eva1c (NM_001199210) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Eva1c
Synonyms:	1700092M14Rik; 4931408A02Rik; Fam176c
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR229925 representing NM\_001199210  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTCCTGCCAGGACACCCGCTCCACCACCCGCGCCCAATCGGCGCAGAATCAGGGCCTCCGAGGC  
 AGGTAGAGCCTCCGGGGAGCTTCTGCGCTGTCTACTGCACGGTCTAGTGTGCTCCAAAGAGACCTC  
 CGCGCTCACCGATTTCTCTGTTACTTAACCAAACCTCTGCAAAACCACTGCCTATGCCTGTGACGGG  
 GACTATCTGAATCTACAGTGCCTCGGCATTCAACAATAAGTGTCCAGTCGGCATTTTATGGGCAAGATT  
 ACCAAATGTGTAGTTCCAGGAGCCATCTCCAGAGGGAAGACAACCTGACCTGTGTGGCATCCACCAC  
 TTTGCAGAAGGTGCTGGACGAGTCCAGAACCAGCGGGCCTGCCACCTCTGGTCAATAGCCGAGTCTTC  
 GGACCTGACCTTTGTCCAGGAAGCAGTAAATACCTCTGGTCTCCTTTAAATGCCAACCTAATGAGTTGA  
 AAAACAAGACAGTGTGTAAAACCAGGAGTTGAAGCTACACTGCCATGAGTCCAAGTTCTCAACATCTA  
 CTCGCGCCCTACGGCCGAGGACCCAGCAAAGAGACATCTGCTCCTCCGGGGCGGAGCTGCTGCCCC  
 TTCGACTGCCTGTCTTACACGGCTTACAAGTCTGTCCAGGAGGTGCTATGGGAAGCAGAGATGTAAAG  
 TCCTCGTCGATAATTACCACTTCGGAAGCCCTGTCTTCCAGGAGTGAAAAAATACCTCACTGTTGCCTA  
 CGCATGTGTTCCCAAGAACAATACTACGGCAGTGGATCCGGCTGTTGCTAATCTAAATCCTTCTCTGAAG  
 AAAGATGATGAACACGGTATAACATTCAACCAAGCGGTTCGAGGGTGTGCGGAAAGATGGCGTTATCG  
 TCAGCAACTCTTGCCCGCTTCGCTTACATTGAGCCACCCAGAGAGAGCCGCTCTGCTGTTCATGTC  
 CAGTGTCTGCATCGCCCTGCTCCTCACACTGTGTGCCCTGGTTCATCAGGGTGTCTGTACGAAGGACTTC  
 CGGGAGCTGAGGCAGGGGAGGAGCACCTGGTGTAGGGAGCGACAAGGGGAGGAGGACAGCGAGGAAG  
 ACTTGGAAGAGGAGGACTCCTCGGATTCGCAGTTTCCCGAGGAGTTGTCCAGTTTTGTAGGACTTCATA  
 TCCAGCCTATAGCTCTATAAGAAGCCGCGAGCTGGCGGAAAGGATTGAACGCAGGGAGCAAGTCATTCAA  
 GAGATATGGATGAACAGTGGCCTGGATTCTCACTCCCCAGGAACGTCCGCCACTTCTAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR229925 representing NM\_001199210  
 Red=Cloning site Green=Tags(s)

MLLPGHPRPPAPQSAQNQGLRRQVEPPGQLLRLFYCTVLVCSKETSAL TDFSGYLTKLLQNHTAYACDG  
 DYLNLCQPRHSTISVQSAFYGDYQMCSSQEPISQREDNLTCAVSTTLQKVLDECQNQRACHLLVNSRVF  
 GPDLCPGSSKYLVSFKQPNELEKNTVCENQELKLHCHEKFLNIYSAAYGRRTQQRDICSSEALLPP  
 FDCLSYTALQVLSRRCYGKQRCKVLVDNYHFGSPCLPGVKKYLTVAYACVPKNILTAVDPAVANLNPSLK  
 KDDEHGITFNPSGSRVVRKDGIVSNSLAFAFAYIRAHPERAALLFMSSVCIGLLLTLCALVIRVSTKDF  
 RELRQGREHLVLGSDKAEEDSEEDLEEDSSDSQFPEELSRFCRTSYPAYSSIEAAELAEIERERREQVIQ  
 E.IWMNSGLDSSLPRNVGHFY

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**


**ACCN:** NM\_001199210

**ORF Size:** 1320 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\\_001199210.2](#), [NP\\_001186139.1](#)

**RefSeq Size:** 2142 bp

**RefSeq ORF:** 1323 bp

**Locus ID:** 70967

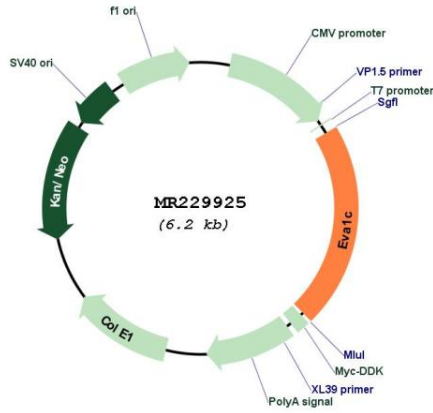
**UniProt ID:** [P58659](#)

**Cytogenetics:** 16 C3.3

MW: 49.7 kDa

Gene Summary: Binds heparin.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR229925