

## Product datasheet for **MR206900**

### **Efcab3 (NM\_001081046) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Efcab3 (NM_001081046) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Efcab3
Synonyms:	4921510J17Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR206900 representing NM\_001081046  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCAGTTTCAGAAATTAAGCCACGATGAAGCTAAAGCCCTTAAAAGCACCTGTCTTTACAAGAGAG  
 ATAAAGATTTGCGAGGATCTTTCTCAGACCATTTAAAGCACAAAGAATCAAAGCTGAGTCCTGCACAAC  
 TGAAGCCTTCCGTAATGCTTACAACCTTCTCACCAAGGATAGAAGTGGCTGTATTGATTCACACGGATTG  
 ATAAGCACCATAGCAAACTGGGAATGAATCTAAACACGTACGATATCTACAATGAATAAAATGTGCTG  
 ATCTCGACAGGGACGGTAAGATCAACTTCTCAGATTTTATAAATGTGTTGACAGATAAGAACTCTTCT  
 CAAGGCTGTGGTTCAGAAAAGAAAATATGCTTAGATTTAGCTAACACCCAGGAATCTTGTGTTTAA  
 ATCCTATCAAAATTTGTAGAACCTCGTCCCTGCACAGAAAGGATATAATAGAGCTAGTAAGCTATTTCC  
 GAAAAAGTTCCAGGAGAGCCACTCAGAAATAATGTGGAGTTCGATGGGAGAAGGGCCCTAAAGTCAGA  
 GATCTGCTCTCCCCTCGCTCGAGCACTGCTGCCTTTGCCAAGTCTGCTAGGATCTCCATAATGAAAGAA  
 AGGGATTTGTATAAGTTTCTCGAAGCCCTCAAACGGTGTAACTCCGTACAGATAGCCCATACTCAAAAA  
 TACCTGTGTTTCCGTTGTTTCTGATGTGGATGGGACGGTGTGGGAAAACCATTTAAAGACACAAAA  
 AATAGAGATGCTAAGGAGAAAGGAGCCTCTGACTTTCTTTGAGGACTATTTTTCAATAAAAGAGATTGG  
 AAAACACAGGCCATGAATGTGAAACCTCTCAAGTCTGCCTCAGGCTATTCAGATGACATCTTAGCCATTG  
 ACCACCTGTTCAAGAAAAAGCAACATTGGACTGTGACTGATGCGGCTGCTATCAACAGCATGTAAGAA  
 AGCCACGGAGAGTTATAACTTAGGAATTGCCCTTGACCACCGAAAGAAATGCTGAACCTCTGGAAGAAG  
 ATTCGAGGGGATTTGGTTGGGATCGAAAGCAACAATGAGTCTTTTACAACACCTTTTCGACCTACACCT  
 GGTCTGGAACGTCTGCCAAGAGCTGCTCCGCTAAGGACCTCCGCTTGACGACGCCAGCATGAACAA  
 GAGTTCCCCCTCCAAGTCTGGGTTATCTCCCATCGGACTTCAGTGAGTCTGACCCGGAGACGGGGAGG  
 AAGAGGAAACGGAAAAGTTCCAGAGGGTTTCGGCAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR206900 representing NM\_001081046  
 Red=Cloning site Green=Tags(s)

MAVSEIKATMKLKPLKAPVFKRDKDLRGSFSDHLKHESKLSPAQLEAFRNAYNFFTKDRTGCIDSHGL  
 ISTIAKLGMLNTYDIYNELKCADLDRDGKINFSDFINVLTDKKFLKAVVPEKKICLDLANNPGILLFE  
 ILSKFVETSSLHRKDIIELVSYFRKRFQESHSEIMWSSYGRRLKSEICSPPRSSTAFAFANSARISIMKE  
 RDLYKFLEALKRCNLRTDSPYSKIPVFLFPDVGTVMGKPFKDTQKIEMLRRKEPLTFEFDYFFNKRDW  
 KTQAMNVKPLKSASGYSDDILAIIDLHFKKQHWVTDAAAIKQHVKKATESYNLGIALDHRKEMLNWKK  
 IRGDLVGIENNESFYNTFSTYTWSNVVCQELLSAKDLRLHDASMNKSSPSNSGLSSPSDFSESDPETGR  
 KRKRKSSRGFRQ

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9060\\_f10.zip](https://cdn.origene.com/chromatograms/mm9060_f10.zip)

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_001081046

**ORF Size:** 1296 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\\_001081046.1](#), [NP\\_001074515.1](#)

**RefSeq Size:** 1744 bp

**RefSeq ORF:** 1299 bp

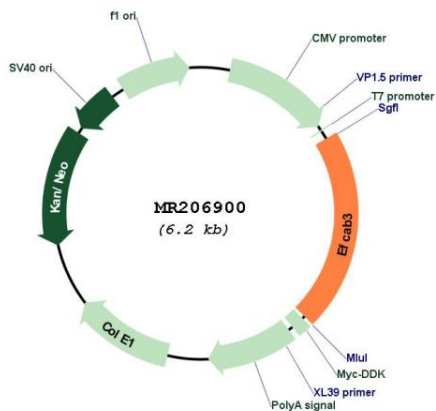
**Locus ID:** 70894

**UniProt ID:** [Q80X60](#)

**Cytogenetics:** 11 E1

MW: 49.7 kDa

Product images:



Circular map for MR206900