

## Product datasheet for **MR212631**

### **Fam196a (NM\_001143802) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fam196a (NM_001143802) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fam196a
Synonyms:	B830028B13Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR212631 representing NM\_001143802  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGTCAGCAAGGACTCTGGCAGATGCATACTCACGACACCAGAGCGGGAAGTGGAGCCCGCCCTGCC  
 TGGCCCTGGAGATGAGATATGCCCTCGACCCTAACCGGCAGATCAAAAAGCGAAAACAAAGCTCTGCAGGT  
 GCGTTTTAAGGATATCTGTGAGGCCAGAAATGAGCAGAGAGACACACAGCTGTCTTCGGGACCTCTGGGG  
 GAGAAGCGAGAGGCCAAGGCTGTGTCTGCAGGGTGGCCTATCGTAAGTATATGACAGTGCCTGCACGCC  
 GATCCATTCCCAATGTCACCAAGAGCACCAGGTGTGCAGACCTCACCAGATCTTCGCAAGTGTACCAGAC  
 ATCCCGCTGGACCGCAAGAAAGGCAGTCTCAAAGGCCTGCCGGTGCAGATGCCTTCAAAGCCAGAAC  
 AATGGGTTTCTAGCAGATTCAAAGAGAAGAGCGAGGCCGGACCCATGGAGGAGCCTCGGCCTGCAGTG  
 CAGGAAGGATTCACAAGACCACCGCATTGGTTTTCCATTCCAATGAGCACGTGAACGCACCTGGGACAGCC  
 TTCTGGGGTCACTGTGCAGAGCTCTGTAAGTCTCCAGATGTGCTTGGCTACCCAGAGGCTGTTTTGCAA  
 AACTCTCGGCCTCCCTCTGAGGAGCCCATCCACCAGCTGCAGGGGAGAGCTAAGCTTGACAGGGGCCACCC  
 TGGACTCAGAGGAGCCGGCTCCACTCACCCACGGAAGGGTGTAAAACCAGAGTCCGCACTGTGTATCC  
 GCCTGCCATCAGTACCAGGGCCCTGAGCCTGGCTTGTCAAACCTGCTGCTGCCAGCCAGTGGTCTCTC  
 TGCCCTGCAGATGAGGAGCAGAGGCCGAGCCGCCACCTCAATGGGCTACAGGCATCCACAGGCTCTGCTG  
 TGGCCTGCTCAACCCCGTGCAGTACCTGTCCCAAGAATGTAGCGAACAGCCCTGCAGAACCAGCCTAG  
 CCCACAGCTGGGATAGGGGATGAAGAACCAACAAATTTGTGCCTCACACAGAGTGGTAGACCTCAAG  
 GCCCAGCTGCAGTGTGAGAACTTAATCAGCTCTAGCCAGGAGACCATCAAAGTGTCTGGGAGTTA  
 TTCAGGAGCTGGAGAAAGGAGAAGCCATCGGGAAGGGCTTTCATATCGGACGGGGCAAGACAGACTAA  
 TTGTGACACGTGCAGGAACAGTGCATGATTATCTATAGTGTGGAGCTGGATTTAAGCAACAAGAAGAC  
 AAAGTGCAGCCTGTGCTGAGAAAAGTGCACCCTGTCGAGGAAAAGTCAAGTCACTCCCTTCGCTTACCCTC  
 AGGAGACTCACTCTCCACGCCAAGCAAAAATCCAAAAGTAGTCCAAAAGCATGGCAGGTGGAAAAGT  
 CTGGTTTCTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAAGTCACTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR212631 representing NM\_001143802  
 Red=Cloning site Green=Tags(s)

MVSKDSGRCILTPEREVEPAACLALALEMRYALDPNRQIKKRNKALQVRFKDICEAQNEQRDTQLSSGPLG  
 EKREKAVSCRVAIRKYMTVPARRSIPNVTKSTGVQTSPLDRKCYQTFPLDRKKGSLKGLPAADAFKSNQ  
 NGFLADSKSEAGPMEPRPCSAGRIHKTTALVFHSNEHVNALGQPSGVNCAELCKSPDVLGYPEAVLQ  
 NSRPPSEPIHQLQGRAKLDRLDSEEPAPLTHGRVFKTEVATVYPPAISTRAPPEGLSNSAAASQWLS  
 CPADEEQRRAAHLNGLQASTGSVAVACSTPVQYLSPECSEQPLQNPSPTAGIGDEEHQQIVPHTEVVDLK  
 AQLQVMENLISSSQETIKVLLGVIQELEKGEAHLREGLSYRTGQDTANCDTCRNSACIIYSVELDFKQVED  
 KLQPVLRKLHPVEETQVIPSPYPQETHSSTPKQKSKTESKKHGRWKLWFL

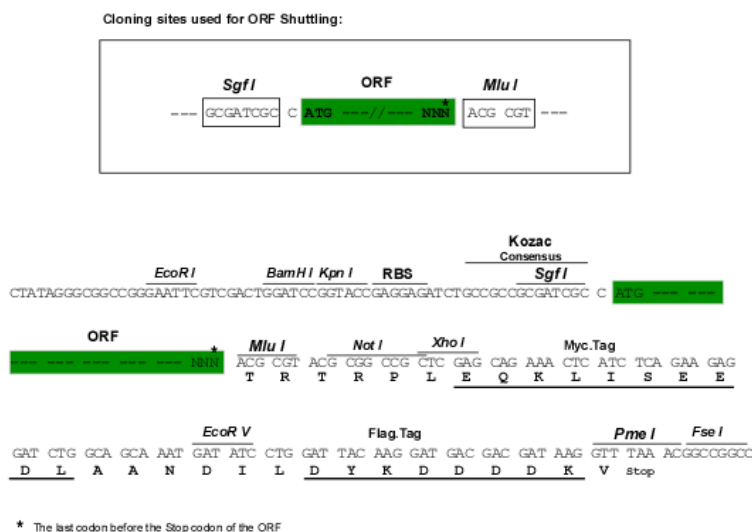
**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9073\\_c07.zip](https://cdn.origene.com/chromatograms/mm9073_c07.zip)

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_001143802

**ORF Size:** 1410 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\\_001143802.1](#), [NP\\_001137274.1](#)

**RefSeq Size:** 4637 bp

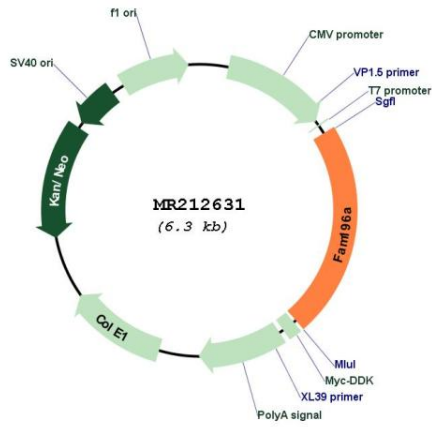
**RefSeq ORF:** 1413 bp

**Locus ID:** 627214

**Cytogenetics:** 7 F3

**MW:** 51.9 kDa

Product images:



Circular map for MR212631