

## Product datasheet for **MR213694**

### 1810046K07Rik (NM\_027217) Mouse Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: 1810046K07Rik (NM\_027217) Mouse Tagged ORF Clone  
Tag: Myc-DDK  
Symbol: 1810046K07Rik  
Mammalian Cell Selection: Neomycin  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
ORF Nucleotide Sequence: >MR213694 representing NM\_027217  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCAGGATCGCCAGTGATGTCAGGTTACTATGGTGTCAGGAGATCCTTCCTGTCCGATCCGACTTCC  
ATAGCAGCAAACAGTTCTCGAATGACCTCTACACCTCCGGCATGAGCAAGCCCTTTGCCTGCGAGTCCAC  
GGCTGGGCAGAGTCACACAGGCTGCTGGAATCCTACCTGGCTGAGCCCTATGGAGACTACCGCCACCA  
GCGCTGACCCCCACACCCAGTTCCTGTTTCAGCACCTCGACTCTGCCACCGCTCTTGCCGCCTCCGTTCC  
CCAGTGACCCAACTCATTTGCTTTAGAGACTCCTGGGAACAGACGGTACCAGATGGTCTCAGCCAGCC  
AGACCCCATGCCTGCTGATGCCCTGCAGAGTTTGCCACCCAGCACAGTTGCCTCTCCCAACTGGAGTCA  
GGAAGCAGCACCCAGCACAGGAACATGGGCTGGGGGCATCCCTTGTGGGGCTCAGTCTACTCGCTGC  
ATGCACTGGAAGATCTGCACCACACACCAGGGTACCCTACCTCACCTCCATACCCCTTCACGTCTTTTCT  
GACAGTGTCAAATGACCTCCCACCAAGGTGGGGCCCCTCTCCCCAGAGGAAGGGTACAGTGTCTCTTCT  
CTTCATGATCCTTACCTTGGACAAAAGAAGATGGCAGTATGGCCTGGGGCTCTTATGAGTGCCGGAGAG  
CTTAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR213694 representing NM\_027217  
 Red=Cloning site Green=Tags(s)

MPGSPVMSGYGVRRSFLSDSDFHSSKQFSNDLYTSGMSKPFACESTAGQSHTGLLESYLAEPYGDYRPP  
 ALTPTPSSLFSTSTLPLLPPFPSPDPTHFVFRDSWEQTVPDGLSQDPMPADALQSLPPSTSCLSQLES  
 GSSTQHRNMGWASLAGAQSYSLHALEDLHHTPGYPTSPYPFTSFMTVSNLPPKVGPLSPEEGSDVSS  
 LHDPSPWTKEDGSMWGSYECRRAY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9039\\_a12.zip](https://cdn.origene.com/chromatograms/mm9039_a12.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_027217

**ORF Size:** 705 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\\_027217.2](#)

**RefSeq Size:** 1318 bp

**RefSeq ORF:** 708 bp

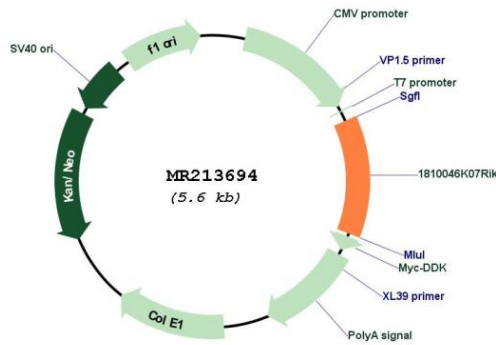
**Locus ID:** 69809

**UniProt ID:** [Q9D8Q6](#)

**Cytogenetics:** 9 A5.3

**MW:** 25.9 kDa

**Product images:**



Circular map for MR213694