

Product datasheet for **MG213694**

1810046K07Rik (NM_027217) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: 1810046K07Rik (NM_027217) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: 1810046K07Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG213694 representing NM_027217
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCAGGATCGCCAGTGATGTCAGGTTACTATGGTGTGACGAGATCCTTCCTGTCCGATCCGACTTCC
 ATAGCAGCAAACAGTTCTCGAATGACCTCTACACCTCCGGCATGAGCAAGCCCTTTGCTGCGAGTCCAC
 GGCTGGGACAGGTCACACAGGCTGTGGAATCCTACCTGGCTGAGCCCTATGGAGACTACCGCCACCA
 CGCTGACCCACACCCAGTCCCTGTTGACACCTCGACTCTGCCACCGCTCTTGCCGCTCCGTTCC
 CCAGTGACCCAACTCATTTCGTCTTTAGAGACTCCTGGGAACAGACGGTACCAGATGGTCTCAGCCAGCC
 AGACCCCATGCCTGCTGATGCCCTGCAGAGTTTGCCACCCAGCACCAGTTGCCTCTCCCAACTGGAGTCA
 GGAAGCAGCACCCAGCACAGGAACATGGGCTGGGGGCATCCCTTGTGGGGCTCAGTCTACTCGCTGC
 ATGCACTGGAAGATCTGCACCACACACCAGGTACCCTACCTCACCTCCATACCCCTTACGTTCTTTCAT
 GACAGTGTCAAATGACCTCCACCCAAAGGTGGGGCCCTCTCCCCAGAGGAAGGGTACAGTGTCTCTTCT
 CTTTCATGATCCTTACCTTGGACAAAAGAAGATGGCAGTATGGCCTGGGGCTCTTATGAGTGCCGGAGAG
 CTTAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG213694 representing NM_027217
 Red=Cloning site Green=Tags(s)

MPGSPVMSGYYGVRRSFLSDSDFHSSKQFSDNLYTSGMSKPFACESTAGQSHTGLLESYLAEPYGDYRPP
 ALTPTPSSLFSTSTLPPLLPPFPSPDPTHFVFRDSWEQTVDPGLSQPDPMPADALQSLPPSTSCLSQLES
 GSSTQHRNMGWASLAGAQSYSLHALEDLHHTPGYPTSPYPFTSFMTVSNLPPKVGPLSPEEGSDVSS
 LHDPSPWTKEDGSMWGSYECRRAY

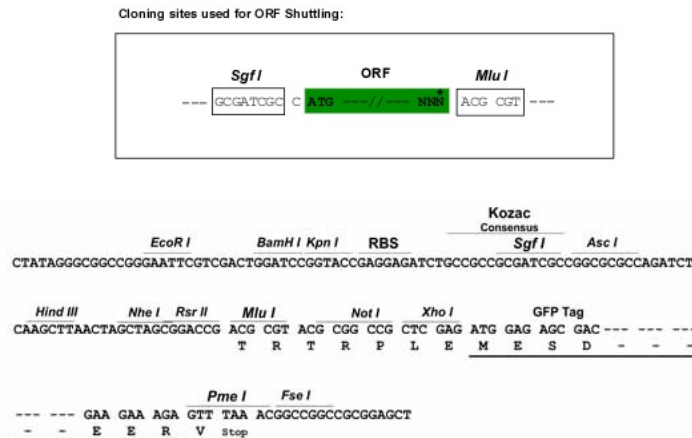
TRTRPLE - GFP Tag - V



[View online »](#)

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

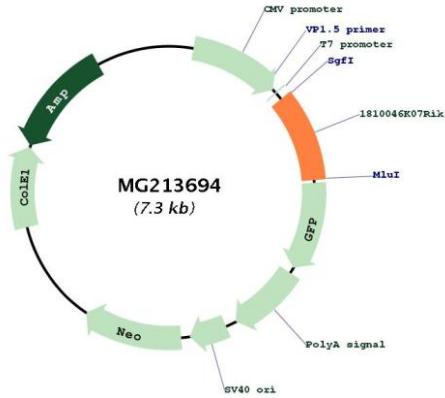
RefSeq ORF: 708 bp

Locus ID: 69809

UniProt ID: [Q9D8Q6](#)

Cytogenetics: 9 A5.3

Product images:



Circular map for MG213694