

## Product datasheet for **MG201994**

### Ifnk (NM\_199157) Mouse Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Ifnk (NM\_199157) Mouse Tagged ORF Clone  
 Tag: TurboGFP  
 Symbol: Ifnk  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-AC-GFP (PS100010)  
 E. coli Selection: Ampicillin (100 ug/mL)  
 ORF Nucleotide Sequence: >MG201994 representing NM\_199157  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGACTCCAAAGTTTTTATGGCTGGTGGCCCTTGTGGCTCTATACATTCGCCCATCCAATCTCTGAACT  
 GTGTTTACCTGGATGATAGCATCTTGGAAAATGTGAACTTCTGGGCAGTACCATGACCGCTTCCCTT  
 AAGATGTCTAAAAGATATCACAGATTTAAGTTTCCTAAAGAGATTTGCCATACATCCAGCATATGAAA  
 AGGGAGATAAACGCCGTCTCTATCGTATATCCTCTCTGGCACTAACTATCTTCAATCTTAAAGGCTCCA  
 TCCCTCCAGTGACAGAGGAACACTGGGAACGTATCAGATCGGGACTTTTCAAACAAGTCCGGCAAGCTCA  
 AGAGTGCCTTCATGGACGAGGAGAAAGAGAACAGGGAACATCCTCACTCCGAGGACTTCTGACAGTCTAC  
 CTGGAGTTGGCAAGTATTTCTCAGAATCAAAAAGTTCTGATAAATAAGAAATACAGTTTCTGTGCAT  
 GGAAGATTGTCACAGTGGAAATAAGAAGATGTTTCATTATATTTCCAAGTCCAGAAAACACTCAAAT  
 GATATCAGAATCACCCACCTTCAAGCAAGAACTTAAA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201994 representing NM\_199157  
 Red=Cloning site Green=Tags(s)

MTPKFLWLVALVALYIPPIQSLNVCVYLLDSDILENVKLLGSTMGTGFPLRCLKDITDFKFPKEILPYIQHMK  
 REINAVSYRISSLALTIENLKGSIIPVTEEHWERIRSGLFKQVRQAQECFMDEEKENREHPHSEDFLTVY  
 LELGKYFFRIKKFLINKYSFCAWKIVTVEIRRCFIIFSKSRKLLKMISESPTFKQELK

**TRTRPLE** - GFP Tag - V

Restriction Sites: Sgfl-MluI

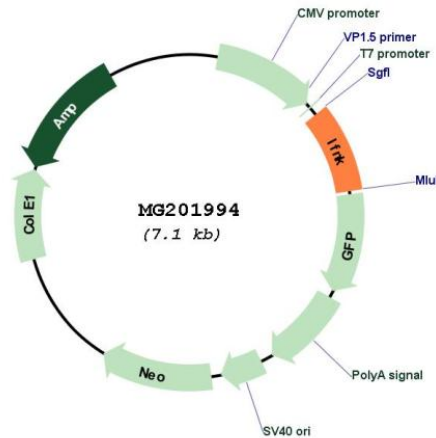


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Cloning Scheme:



Plasmid Map:



ACCN: NM\_199157

ORF Size: 597 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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_199157.2</a></u> , <u><a href="#">NP_954608.1</a></u>
<b>RefSeq Size:</b>	872 bp
<b>RefSeq ORF:</b>	600 bp
<b>Locus ID:</b>	387510
<b>UniProt ID:</b>	<u><a href="#">Q7TSL0</a></u>
<b>Cytogenetics:</b>	4 A5
<b>Gene Summary:</b>	May play a role in the regulation of immune cell function.[UniProtKB/Swiss-Prot Function]