

## Product datasheet for **MG200643**

### Bri3 (NM\_018772) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Bri3 (NM\_018772) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Bri3  
**Synonyms:** I3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG200643 representing NM\_018772  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGACCACAAGCCCCTGTTGCAGGAGCGCCCGCCGCCTACAACCTGGAGGCCGCCAGGGCGACTACG  
 CGTGCGGCCCGCACGGCTACGGGGCCATCCCCACCGCGCCCCCGCCGCCCTACCCCTACCTCGTCAC  
 AGGGATCCCCACCAGCCACCCCGGGTCTATAACATCCACAGTCGAACGGTCACCCGGTATCCTGCCAAC  
 TCCATCGTCGTGGTGGAGGCTGCCCGGTCTGCAGGGTTGGTGTCTGGAGTACTGCTTCACCTGCCTGG  
 GCATCTTCTGGCCATCGTCTGTCCCTTTGGGTTCTCTGCTGCTTTGCACTGAGGAAGCGAAGATG  
 CCCCAACTGTGGAGCGGTCTTTACT

AG**CGGACCG**ACGCGTACGCGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG200643 representing NM\_018772  
 Red=Cloning site Green=Tags(s)

MDHKPLLQERPPAYNLEAGQGDYACGPHGYGAIPTAPPPPPYPYLVTGIPTSHPRVYNIHSRTVTRYPAN  
 SIVVVGCPVCRVGVLEYCFTCLGIFLAIIVLFPFGFLCCFALRKRRCPCNGAVFT

**SGP**TRRRLE - GFP Tag - V

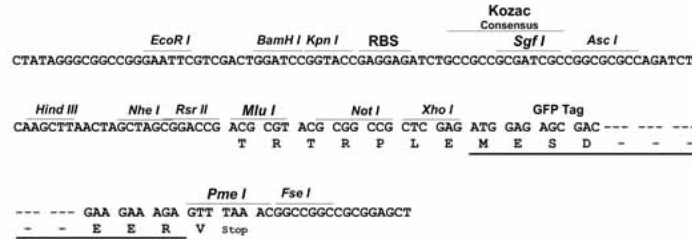
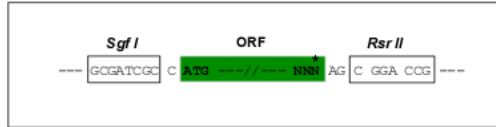
**Restriction Sites:** Sgfl-RsrII



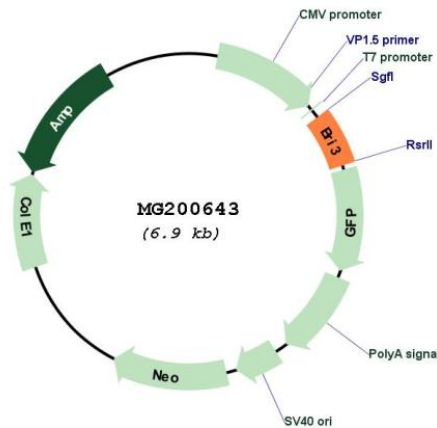
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Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN:

NM\_018772

ORF Size:

375 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](#)

<b>OTI Annotation:</b>	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_018772.4</a></u> , <u><a href="#">NP_061242.3</a></u>
<b>RefSeq Size:</b>	954 bp
<b>RefSeq ORF:</b>	378 bp
<b>Locus ID:</b>	55950
<b>UniProt ID:</b>	<u><a href="#">P28662</a></u>
<b>Cytogenetics:</b>	5 G2
<b>Gene Summary:</b>	Participates in tumor necrosis factor-alpha (TNF)-induced cell death (Ref.4). May be a target of Wnt/beta-catenin signaling in the liver (By similarity).[UniProtKB/Swiss-Prot Function]