

Product datasheet for **MG216520**

Bri3bp (NM_029752) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bri3bp (NM_029752) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Bri3bp
Synonyms: 2410150I18Rik; AI841257; AW742481
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG216520 representing NM_029752
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCGCGCGCGTCCCAGGAGCCCCGACCCGGTCCGGGCCGGTTGCGGGTGTCTGCTGCCGGTTC
 TGCTTCTGGCGTGTCTGTCTGGCGTGGTGGCTCTGGAGCGCAGGGGGCTCGGGCCGCGGGGCTGC
 GGACAAGAACAGCCACCGCGCGCAGCAGCAGCTTCTCGCAGAGCGTGAGCAGCCTCTTCGAGAGGAC
 AACGTGCGCGCGCTCAGAACTTACTGTCCAGGCTGACCGAGCGTTCTGCAGGGAGTGGACATGTTCT
 TAGAGACGTTATGAAAGTTTGGATGGAGCTCTTAGAAGTCCTTGGGCTTGACGTGTCCAACCTGTCACA
 GTACTTCAGCCCAGCCTCAGTGTCCAACAGCCCCACCGGGCCCTGGTGTGTTGGTGTGTTCTCCTG
 GCCTACTGTTCTTGTCTCTGACCTTGGGCTTACCTTCAGCCTCCTCCACCTGGTGTGTTGGCCGTTCT
 TCTGGCTCGTGCCTGTCATCCTGTTCTCCATGTCTGCGTGTATATCCTACATAAGTACGAGGGTGA
 AGAGCACGCAGTGTACCGCTCTGCGTGTGGTGGCCATCTACTCATGACGGGGCCATGGGCTACTGG
 CGGGCAGCCCCGGTGGCCTTTCAGCCCCAGTGTGGAGGAGAAGCTGGAACACCTGGAGAACCAGGTGA
 GGTTGCTTAACATCCGCCTCAACAGGGTGTCTGAGAACCTTGACCGCTCAAGGACAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG216520 representing NM_029752
Red=Cloning site Green=Tags(s)

MGARASQEPRTRVRAGLRVLLPVLLLALLLALVAPGAQGARGRGAADKNSHRRATSSFSQSVSSLFGE
 NVRAAQKLLSRLTERFVQGVDMFLETLWKVWMELEVLGLDVSNLQYFSPASVSNPTRLVVGVVLL
 AYWFLSLTLGFTFSLHLVFGFRFFWLVRVILFMSMCVYILHKYEGEPEHAVLPLCVVVAIYFMTGPMGYW
 RGSPGGLCSPSVEEKLEHLENQVRLNIRLNRVLENLDRSKDK

TRTRPLE - GFP Tag - V

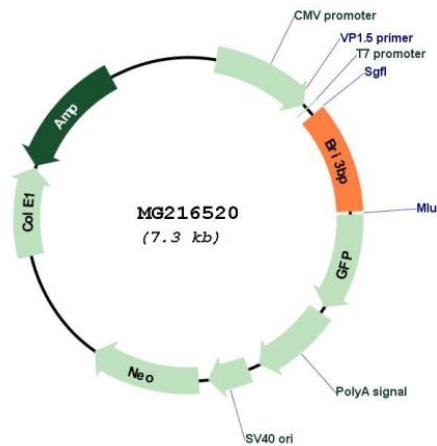
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_029752

ORF Size: 759 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:	<ol style="list-style-type: none">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_029752.2 , NP_084028.1
RefSeq Size:	7001 bp
RefSeq ORF:	762 bp
Locus ID:	76809
UniProt ID:	Q8BXV2
Cytogenetics:	5 G1.1
Gene Summary:	Involved in tumorigenesis and may function by stabilizing p53/TP53.[UniProtKB/Swiss-Prot Function]