

## Product datasheet for MR216520

### Bri3bp (NM\_029752) Mouse Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Bri3bp (NM\_029752) Mouse Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Bri3bp  
 Synonyms: 2410150I18Rik; AI841257; AW742481  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 ORF Nucleotide Sequence: >MR216520 representing NM\_029752  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGGATCGCC

ATGGGCGCGCGCGTCCCAGGAGCCCCGACCCGGTCCGGGCCGGTTGCGGGTGCTGCTGCCGGTTC  
 TGCTTCTGGCGCTGCTGCTGCTGGCGTGGTGGCTCCTGGAGCGCAGGGGGCTCGGGGCCGCGGGCTGC  
 GGACAAGAACAGCCACCGCGCGCAGCAGCAGCTTCTCGCAGAGCGTGAGCAGCCTCTTCGAGAGGAC  
 AACGTGCGCGCGCTCAGAACTTACTGTCCAGGCTGACCGAGCGTTCTGCAGGGAGTGGACATGTTCT  
 TAGAGACGTTATGAAAGTTTGGATGGAGCTCTTAGAAGTCCTTGGGCTTGACGTGTCCAACCTGTCACA  
 GTACTTCAGCCAGCCTCAGTGTCCAACAGCCCCACCGGGCCCTGGTGTGTTGGTGTGTTCTCCTG  
 GCCTACTGGTTCTTGTCTCTGACCTTGGGCTTACCTTCAGCCTCCTCCACCTGGTGTGTTGGCCGCTTCT  
 TCTGGCTCGTGCCTGTCATCCTGTTCTCCATGTCTGCGTGTATATCCTACATAAGTACGAGGGCGAGCC  
 AGAGCACGCAGTGTACCGCTCTGCGTGTGGTGGCCATCTACTTCATGACGGGGCCCATGGGCTACTGG  
 CGGGGACGCCCGGTGGCCTTTCAGCCCCAGTGTGGAGGAGAAGCTGGAACACCTGGAGAACCAGGTGA  
 GGTTGCTTAACATCCGCCTCAACAGGGTGTCTGAGAACCTTGACCGCTCCAAGGACAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

**Protein Sequence:** >MR216520 representing NM\_029752  
Red=Cloning site Green=Tags(s)

MGARASQEPRTVRAGLRVLLPVLLLLALLLALVAPGAQGARGRGAADKNSHRRATSSFSQSVSSSLFGED  
 NVRAAQKLLSRLTERFVQGVDMFLETWKVWMLLEVLGLDVSNLQYFSPASVSNPSTRALVLGVVLL  
 AYWFLSLTLGFTFSLHLVFGRRFFWLVRVILFMSVCVYILHKYEGEPEHAVLPLCVVVAIYFMTGPMGYW  
 RGSPGGLCSPSVEEKLEHLENQVRLNIRLNRVLENLDRSKDK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9024\\_d05.zip](https://cdn.origene.com/chromatograms/mm9024_d05.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**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:**

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

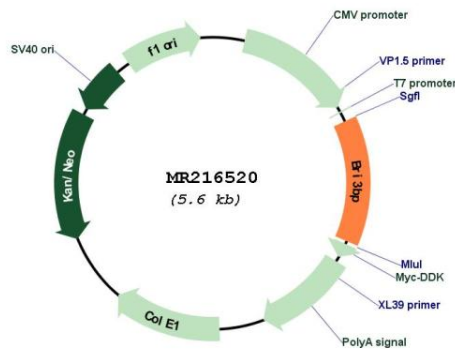
**UniProt ID:** [Q8BXV2](#)

**Cytogenetics:** 5 G1.1

**MW:** 28.7 kDa

**Gene Summary:** Involved in tumorigenesis and may function by stabilizing p53/TP53.[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for MR216520