

## Product datasheet for **MC217654**

### **Btnl9 (NM\_172793) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Btnl9 (NM_172793) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Btnl9
Synonyms:	B430208I01; Btn3; D330012D11Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC217654 representing NM\_172793  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCAGATTTCTCAGTATTTCTGGGGTTTCTGAAGCAAATACCTCGGTGCCTCAGCATCTTCTTACCT  
ACCTTCTCTTCCCTCAGTTGTGGGAGGTGAACCTCAGACAAGGTCTGGGTGTTGGGCCCTGAGGAGTCCAT  
TTTGGCCCGCTCGGGGAAGCGGTGGAGTTCCCATGTCGCTTATCATCATACCAAGACGCAGAGCACATG  
GAAATTCGCTGGTTTCGGGCCAGGTCTCCAACGTGGTGTACCTGTACCAGGAGCCGAGGGGCGCTCCA  
GCCTGCAGATGGCACAGTTCGGAACAGGACCTTATTTGAAGCCTATGACATTGCAGAGGGAAGCGTGAA  
CCTACACATCCTTAAAGTGCTTCCCTCCGACGAGGGCCGATATGGGTGCCGCTTCTTTCTGACAACTTC  
TCTGGTGAAGCCAGTGGGAGCTGGAAGTAGCAGGATCGGGCTCAGACCCACACATCTCCCTCCAGGGCT  
TCAGTGGAGAAGGTATTCAGCTGCAGTGCAGTCCAGTGGCTGGTACCCCAAGCCAAAGGTTTCAGTGGAG  
AGGTACCAGGGTCAGTGCCTTCTCCAGAGTCTGAAGCCATCACCCAGAATGCCCAAGGCTGTTCAGT  
CTGGAGACATCCGTGATTGTCCGAGGAGGAGCCATAGCAATGTGTCTTGATAATCCAGAACCCCTTGC  
TGCCCCAGAAGAAAGAATTCGTGATCCAGATTGCAGATGTGTTCTACCCAGAATGTCCCCTGGGAAGAA  
AGCGTTTGTGGGAACCTTGGTGGTCTGCCGCTCAGTCTGATTGTGCTCACCATGCTGGCGCTGCGATAT  
TTTTACAAGCTGCGGAGCTTCCAAGAAAAACAGGTGAAGCAGGGAGAGGAGTCCGAGAGAACTTCAGA  
CAGAGCTTGACTGGAGAAGGTCTGAAGGCCAGGCTGAGTGGAGAGCAGCCAGCAATATGCAGCGGATGT  
GACCTTGGATCCTGCCACAGCGCACCTAGCCTGGAGGTCTCCAACAACGGCAAGACCGTGTCTCCCGC  
CTGGGGGTGCCAGTATTGCAGCTGGGGACCCGACGCGTTCGAGAGCAGACCTGCGTGTCTGAGCCGGC  
AGCGCTTCTCCAGCGCCGCACTACTGGGAGGTGCACGTGGGCCGGCCAGCCGCTGGTTCTGGGGCGC  
CTGTCTGGAGTCGGTGGAGCGCTCCGGGCCCGCGCCTGAGCCCGGCGGCTGGCTACTGGGTGATGGGG  
CTGTGGAACCGCTGCGAGTACTTCGTGCTGGACCCGCATCGCGTGGCACTGGCGTACCGGTGCCTCCCC  
GGAGGATAGGCGTCTGTTGGACTACGAGGCCGGGAAGCTGTCTTTCTTCAACGTGTCTGATGGCTCGCA  
CATCTTCAGCTTACCAGACATTTCTCAGGGGCGCTCCGCGCCTACTTAAGGCCCGAGCTCACGACGGC  
AGTGAACATCCGGATCCTATGACCATCTGCTCTTTGCCGGTTAGAGGGCCACAGGTCTCGAAGAGAACG  
ACAACGACAACCTGCTACAGCCCTATGAGCCTCTGACCCCGCTGGGCTGTTAATGAGGCAGTGTCTCTG  
A

AG**GCGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII  
ACCN: NM\_172793  
Insert Size: 1611 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

**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\\_172793.2](#), [NP\\_766381.1](#)

**RefSeq Size:** 2463 bp

**RefSeq ORF:** 1611 bp

**Locus ID:** 237754

**UniProt ID:** [Q8BJE2](#)

**Cytogenetics:** 11 B1.2