

Product datasheet for **MC217387**

Btnl2 (NM_079835) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Btnl2 (NM_079835) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Btnl2
Synonyms:	BTL-II; Btl2; BTLN2; Gm315; NG9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217387 representing NM_079835
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGGATTGCCACGGTATAGTCTATCTGGCGTGGCTGCCTCCTTCTTCTCGTCTGCTGACTATAA
 AGCACCCAGATGACTTCAGAGTGGTCGGTCTAACCTCCCAATCTTGGCTAAAGTCGGGGAAGATGCCCT
 GCTAACGTGTGAGCTCCTCCCAAGAGGACCACGGCACACATGGAGGTGAGGTGGTACCGCTCCGACCCCT
 GACATGCCAGTGATTATGTACCGGGATGGAGCTGAGGTGACTGGGCTACCGATGGAGGGGTACGGAGGCC
 GGGCAGAGTGGATGGAGGACAGCACTGAAGAGGGCAGTGTGGCTCTGAAGATTCGCCAGGTCCAGCCAAG
 TGACGATGGCCAGTACTGGTCCGCTTCCAGGAGGGGACTACTGGAGAGAGACAAGCGTCTACTCCA
 GTGGCTGCTCTAGGATCTCCCAAAATATCCATGTGGAGGGACTCGGAGAAGGAGAGGTCCAGCTTGAT
 GCACGTCCCGAGGCTGGTCCCTGAGCCTGAGGTGCATGGGAAGGCATCTGGGGAGAAAAGTTGATGAG
 TTTCTCTGAGAATCATGTGCCAGGTGAAGATGGGCTATTCTATGTGGAAGACACACTGATGGTCAGGAAT
 GACAGTGTAGAGACCATTTCCTGCTTACATCTACAGCCATGGCCTCAGAGAGACCCAGGAGGCCACCATCG
 CTCTGTGACAGAGGCTCCAGACCGAACTGGCTTCCGTTAGCGTAATCGGACATTCAGAGCCAGCCCTGT
 TCAAGTCGGAGAGAACATAGAATTAACCTTGTCACTCTCACCTCAAACGGATGCTCAGAAGTTAGAGGTG
 AGGTGGTCCGATCCCGCTATTACCCTGCAGTCCCGTGTATGCAAAATGGCACCCACGTGGCTGGAGAGC
 AGATGGTAGAATACAAAGGGAGGACTTCATTGGTACTGATGCCATCCACGAGGGAAAACGACCCTGCA
 AATTCACAATGCCAGAATTCGGATGAAGGGCAGTACCGGTGCCTTTTGGAAAAGATGGTGTCTACCAG
 GAGGCCCGTGTGGATGTGCAGGTGATGGCGTGGGTTCCACCCACGGATCACAGGGAGGTCTTGAAG
 ATGGAGCATGCAGCTGAGGTGTACGTCTGATGGGTGGTTCACCGGCCCATGTGCAGTGGAGGACAG
 AGATGGAAAGACAATGCCATCGTTTTCCGAGGCCCTTCAGCAAGGGAGCCAGGAGCTGTTCCAGGTGGAG
 ACACTTCTGCTGGTCAAAACGGCTCCATGGTGAATGTGACCTGCTCCATCAGCCTCCCTCTGGGCCAGG
 AGAAAACAGCCGTTTCCCTCTCTCAGACTCCAAGATAGCTTTGCTATGGATGACCCTGCCTGTTGTGGT
 GCTGCCTCTGGCCATGGCTATCGACCTGATCAAGGTGAAACGGTGGCGCGGACCAATGAACAAACACAC
 AGCAGCAATCAGGAAAATAACAAGAAATGACGAAAACCACAGGCGCGACTTCCTTCTGATGAGAGGCTCA
 GATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_079835

Insert Size: 1545 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 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:	<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:	<u>NM_079835.2</u> , <u>NP_524574.1</u>
RefSeq Size:	2563 bp
RefSeq ORF:	1545 bp
Locus ID:	547431
UniProt ID:	<u>O70355</u>
Cytogenetics:	17 17.98 cM
Gene Summary:	Negative regulator of T-cell proliferation.[UniProtKB/Swiss-Prot Function]