

Product datasheet for **RN216821**

Btnl2 (NM_053815) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Btnl2 (NM_053815) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Btnl2
Synonyms:	BTL-II; Ng9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216821 representing NM_053815
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGGATTCCAGGCTACAGTCTATCTGGCGTAGCTGCCTCCTTCTTCTGTTCTGCTGACTATGA
 AGCACCCAGATGACTTCAGAGTGGTCGGTCTGCCCTCCCTATCCTGGCCAATGTTGGAGAAGACGCACT
 GCTAACGTGTCGGCTTCTCCCAAGAGGACAACAGCACGCATGGAGGTGAGGTGGTACCGCTCCGACCCCT
 GACACGCCTGTGATGCTGTACCGGGATGGAGCTGAGGTGCCTGGGCTAGCGATGGAGGGCTACAGAGGCC
 GGGTAGAGTGGATGGAGGACAGCACTGAAGAGGGGAGTGTGGCTCTGAAGATTCGACAGGTGCAGCCAGG
 TGACGATGGCCAGTACTGGTCCGCATCCAGGAGGGAGACTACTGGAGAGAGGCAAGTGTGCTACTCCAA
 GTGGCAGCTCTAGGATCCTCCCAACATCCATGTGGAGGGGCCGAGAAGAAGGGTCCAGCTCGTGT
 GCACGTCCCGAGGCTGGTCCCTGAGCCGAGGTCTATTGGGAGGCATCAGGGGAGAGAAGTTGATGAG
 TCTCTCTGAGAACCATGTGTACGGTGAAGATGGGCTGTTCTCTGTGGAAGACACACTGGTGGTCAGGAAC
 GACAGTGTAGAGACGATTCCTGCTTCACTACAATCGTGGCCTCAGAGAGCCCCAAGAGGCCACCATTG
 CCCTTCCAGAGAACTCCAGACAGAACTGGCTTCTCGAGGGTAATCGGACCTTCCCAAGCCATCCCTGT
 CCGAGTCGGAGAGACCATAGAATTAACCTTGTACGCTCTCACCTCAAACGGACGCTCAGAGCTTGGAGGTG
 AGGTGGTCCGAGCCCGCTATTACCCTGTAGTCCACGTGTATACAAATGGGGCCCATGAGGCCGGAGAGC
 AGATGGCAGAATACAGAGGGAGGACTTCACTGGTACTGACGCCATCCACGAAGGAAAACGACCCTGCA
 GATCCACAACGCCAGAATTCGGATGAGGGGCAGTACCGGTGCCTTTTGGAAAAGATGGTGTCTACCAG
 GAGGCCCGTGTAGATGTGCAGGTGATGGCGTGGTTCACCCACAGATCACCAGGGAGGTCTTGAAG
 ATGGAGGAACACAGCTGAGGTGTACGTCGATGGGTGGTTCACCCAGACCCACGTGCAGTGGAGGGACAG
 AGACGGAAGGACCCTGCCATCGTTTTCTGAGGCCCTTCGGCAAGGAAGCCAGGAGCTGTTCCAGGTGGAG
 ACTCTCTGCTGGTCACAAATGGCTCCATGGTGAATGTGACCTGCTCCATCAGCCTCCCTCTGGCGAGG
 AGAAAACGACGCTTTTCTCTCTCAGACTCCAGGATAGCTTTGTTATGGATGACCCTGCCTGCTCTGGT
 GCTGCCTCTCGCCATGGCTGTGACCTGATCAAGGTGAAACGGCGGACGAAAGACCAAAAACACAACGGC
 AATCGGAAAAATGACAGGAATGGTGAAGCCAAAGGCCAAGGCTTTCCTCTGATGATGAGAGGCTCAGAT
 AA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_053815

Insert Size: 1542 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_053815.1](#), [NP_446267.1](#)

RefSeq Size: 1542 bp

RefSeq ORF: 1542 bp

Locus ID: 309620

Cytogenetics: 20p12