

## Product datasheet for **RN212506**

### **Btnl3 (NM\_001002803) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Btnl3 (NM_001002803) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Btnl3
Synonyms:	Btnl1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN212506 representing NM\_001002803  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAACGGATGAACCTAGGAAGCGAGAAGCCACTCAAAATAGACTTTGAGCTCCCGAGAAAACACAGCG  
 TGGGAGTCCAAAAGCGTCTGGTTTTCTGTGAAGGGACCAGCTGAGCCATCACGGTCTGCTGGGGAC  
 TGATGCCACCCTGCCCTGCCAGCTGTCTCCTAAGCAGAGTGCAGCTCACATGCACATCCGATGGTACCGT  
 GCCCAGCTCACCCCGCTGTGCTGGTGTCCACAATGGACAGGTGCAGGGAGAGGTGCAGATGCCGGAGT  
 ACGAGGGCAGGACCCAGATGCTGGGACATGACATCGACACGGGCAGTGTGGCTCTGCAGATACAGCAAGT  
 CCAAGCCTCTGACGATGGCCTGTACCACTGTCACTTTTCAGATGGCTTCCCTCCCAAGAAGTCTCCATA  
 GAACCTCAGGTCGTAGGTTTAGGCTCTGCCCTTTGTTTACATGACAGGACCTGAGAACAATGGCATCC  
 GAGTGTGTGCTCCTCGAGTGGTGGTCCCGAAACCCAGAGTGCAGTGGAGAGACACCATCGGGGACAC  
 TCTACTGTCTCTCTGAGTACAGACCCTGGACAGAGATGGACTCTTCCACATAGAAACGTCTCTTTTG  
 TCACAGACAGAGCTATAGGCAATGTGATCTGCTCCATTCAAAATCCCATCTGGGACCAGGAGAAATCAA  
 AGGCCATCCTCCTCCAGAGCCCTTCTCCCCACGACGTCTCCATGGAAGTAGCCCTGGCTTGTATTCT  
 CCCCATATTATTGGTTCATCTTGGTGGACCAGCTTCGCTACCTGAAAGAACATCAAGTCAAAGGAGA  
 GAAGAAAAGCAACTGTCAAAGAACAATGGGAAATGCGTCAGATGAAGGAGGAGACAAAAGTGGCGTGA  
 AGGACAGAGATCGGAGGAAGGCACTATACAAAGAGGACTGGAAGATGGCCTTGTGTACCCCGACTGGAG  
 GAAGGAAGTGTCCAGCTGGCTCCTGTGATGATAGATCATGAAATGCCTGACCAGAACAAATCGGACCCA  
 AAGACAGAAGAGAACAGAGGTGAGGGGACAGCAGATCCGTCCGTGCAACTCACAAGTAGATGACAACA  
 TCATCACGCTCTCCAGGAAGGCTTCATGTTGGGGAGATACTACTGGGAGGTGGATGTCGAGGACCGGA  
 GGAGTGGACACTGGGAGTTTATGAGCTGTACACTGAGGATGCATACCCACAGAATCGAAGAAATTCAGA  
 GTCTGGAAGAAAGAGGAGATGGATACAGGGCTTTCCTTCTGTTCCCAAAACATTTCTTGGAAAGAC  
 CTCTACAGCTGGAGACAGTCCACTGAAGATTGCCATCTTCTTGGATCAGGAGGACAATGACCTGTCTTT  
 CTACAACATGACCGACGAGACACACATCTTCTCTTTGACCAGAACACTTTCTTGGGATCACTCTACCCA  
 TACTTCAAACGTAATTCATGGCGCTCTCTCAACAGAACAACCC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001002803

**Insert Size:** 1518 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).

**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\\_001002803.2](#), [NP\\_001002803.2](#)

**RefSeq Size:** 2175 bp

**RefSeq ORF:** 1518 bp

**Locus ID:** 407781

**Cytogenetics:** 20p12