

## Product datasheet for **RN201089**

### **Btnl8 (NM\_212489) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Btnl8 (NM_212489) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Btnl8
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN201089 representing NM\_212489  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGAATTTACTGCAAGCCCTCTGTGCTCTTCCAGGACTCTACCTCCTGGTCCTTACACAGCTGCTTT  
 GCTGGGTGACCACAAAGGGTTCCGGGTCTTGGTCCCTCAGACCCGTTGTGGCCGCACCAAGGTAGGGA  
 AGCCATACTTCCCTGCTCCGTGTCTCCAGCCATGAGTGTGGAGAACATGGAAGAGCTGAGGTGGTCCGC  
 ACCAGATTCTCACAAGCAGTATTTGTCTATCGGGACCAAGAGGAGCAGAAGGAAGAGCAGATGATTGAGT  
 ATTCTTGGCGGACCTCGCTGGTGAAGGATAAATCCATGAAGGCAAAGCTGCCGTGAGGATCCAGAATGT  
 CCAGGAGTCAGATAGTGGGATATACGTCTGCCACTTCAAACAGGGACACTTCCATGAGGAGGCCATCTTG  
 GAACTGAAGGTGGCAGCAATGGGCTCTGCTCCGAAGTGTACATCAAAGGTCCAGAAGATGGTGGAGTGT  
 GTGTTGTGTGCATGACTCAGGGTGGTACCCAGAGCCCCAGGTGCATTGGAGAGACTCCAGAGGTGAGAT  
 TCTCCAGCATCCTCAGAGACCCTCCATGAAGATGCTGAAGGACTGATCACCACAGAGACCTCACTGGTG  
 CTGAGAGACAGCTCTGTGAGGAATGTGACTGCTCCACCTTCAATCCCGTCTTGGGTGAGGAGAAAGCCA  
 TGGCCATGGTCATCCAGAGCCCTTCTCCCTCAGGCCTCTCCCTGGAAGACAGCTTTTCTCGTGATCCT  
 GACCATGATGGGACTTCTAGTCTTGGGACAATCTCTTTTTCGGATGGGAACGTTTTGTAAAGGCTGAAG  
 TTGAGAAGGAACAGATCCATATTCATTGTGAGAAGGATGAGTTACAGACTGAAAAGGAGGATGCTCTCA  
 GGACTGCTAAGTGGGGCTATTGTGAATGGGTTCTCACCAGAGTGTGTTTACAGCCTGGAGGAAGGC  
 CCAGCTGTATGCAGATTGGCGCAAGGAGCACTCCAGACCTGGACTTTCACTCTGGATCCAGCCTCTGCC  
 CACCCACCCCTTGTCACTCTCCAGGATAGGATGAGAGTGACCCGGAAGGACACCACTGTGTGCTTGGATG  
 ACCTCTTCAGTGTGCTAGGCACCAAAGGCATCTTCTGGAAGATATTACTGGAGGTCAAGCTGGAAAA  
 CAGAGAAGGCAGCAAAATGGATTCTGGGGTCTGTAGGGAAGGTGGAGAGGAAAGGCTTTTATTTTGAG  
 AGTCCAGAGAAGGGTTTTGGACAGTGGGGCAGTCTAGTGTGGGATTGGGCCTATGTTGACTCTGGGA  
 GGGATTCTTATCCATCAGGCAAGCTCCAGAGAGTGTGGGGTGTGTTGGACTATGACAAAAGGAACAT  
 CTCCTTCTATAACATGAGTGACATGTCCACCTTTTCTCCTTCCACGAGGCTTCTTCTCTGGGACTCTC  
 CTTCCATACTTCCAGCTTAAGTGTGAAATGTCTCGATGACTGTCAACTCCATGGCCTGTGTGTCTGAGG  
 GGCAGGAGGGAGAGGGGGAGGAAAGGAAGAGAAGTAGAAAGGGAGGAAGAGGAGGAAGGGGAG  
 GAGGCCAAAGAAGGGGAAGGGTTAGCTTTGCTTCTTTGAAGGAGTCTCTGAGTCCACAGGGGAGGGC  
 CTGTTCCAGGCTTTGTGTTGGTCTCTCCCTCAGGGGAAGAATCTCCATTCTCCAGGATGCCAGGG  
 AACTCTGTTCCCA**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_212489
- Insert Size:** 1767 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\\_212489.1](#), [NP\\_997654.1](#)

**RefSeq Size:** 1933 bp

**RefSeq ORF:** 1767 bp

**Locus ID:** 406160

**Cytogenetics:** 20p12

**Gene Summary:** member of a family of proteins related to the butyrophilin family by sequence similarity; may play a role in regulation of immune response [RGD, Feb 2006]