

## Product datasheet for **RN216961**

### **Btn3a2 (NM\_001166344) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Btn3a2 (NM_001166344) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Btn3a2
Synonyms:	Btnl4; RGD1562488
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN216961 representing NM\_001166344  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGAATTTACTGCAAGCCCTCTGTGCTCTTCCAGGACTCTACCTCCTGGTCCTTACACAGCTGCTTT  
 GCTGGGTGACCACAAAGGGTTCCGGGTCTTGGTCCCTCAGACCCGTTGTGGCCGCACCAAGGTAGGGA  
 AGCCATACTTCCCTGCTCTGTGTCTCCAGCCATGAGTGTGGAGAACATGGAGGAGCTGAGGTGGTCCGC  
 ACCAGATTCTCACAAGCAGTATTTGTCTATCGGGACCAAGAGGAGCAGAAGGAAGAGCAGTTGCCTCAGT  
 ATTCTTGGCGGACCTCACTGGTGAAGGACCAGTCCATGAAGGCAAGGCTGCCGTGAGGATCCAGAATGT  
 CCAGGAGTCAGATAGTGGGATATACGTCTGCCACTTCAAACAGGGACACTTCCGTGAAGAGGCCATCTTG  
 GAACTGAAGGTGGCAGCGATGGGCTCTGCTCCTGAAGTGTACATCAAAGGTCCAGAAGATGGTGGAGTGT  
 GTGTTGTGTGCATGGCTCAGGGTGGTACCCGGAGCCCCAGGTGCATTGGAGAGACTCCAGAGGAGAGGA  
 TCTCCCAGCATCCTCAGAGACCCTCCATGAAGATGCTGAAGGGCTGTTCCAGCACAGAGACCTCACTGGTG  
 CTGAGAGACAGCTCTGTGAGGAATGTGACTGCTCCACCTTCAATCCCATCTTGGGTGAGGAGAAAGCCA  
 TGGCCATGGTCATCCCAGAGCCCTTCTCCCTCAGGCCTCTCCCTGGAAGGCAGCTTTTCTCGTGATCCT  
 GACCATGATGGGAATTCTAATCTCAGGGACAATCTATCTTCTCAGAAGGGAACTTCTGGAAGGCTGAAG  
 GTGCAGCAGAAACGGAAGCATCTTCAGTGTGAGAAGGATGAGTTACAGACGACAAAGGAGGATGCTCTGC  
 TGTTTACCCGACTCTTTGAGTGGGGCTATTTGATTGGTTCTCACCAGAGTGTGTTCAATTTACAGCCTG  
 GAGGAAGGCCAGCTGTATGCAGATTGGCGCAAGGAACACTTCCAGGCCTGTAATTTCACTCTGGATCCA  
 GCCTCTGCCACCCCATCCTTAATGTCTCCAAGATAGGATGAGAGTGACCCGGAAGGATACTACCATGT  
 GCTTGGATGACCTCTTCTGTGTGCTAGGCACCAACGGCATTTCTTCTGGAAGATATTACTGGGAGGTGAA  
 GCTAAGGAACAGGGACAGCAGCAGCTGGACTCTGGGGTCTGTAGGGAAGGTGTAGAGAGGAAAGGGTGT  
 TTTTCAGAGTGTCCAGAGAAGGGTTTTGGACAGTGGGGCAGTCTAGTAGTGGGTATTGGCCTATGTTG  
 ACTCTGGGAGGGATTCTTATCCATCAGGCAAGCTCCGCAGAGTGTGGGGTGTGTTGTGGACTATGACGA  
 AAGGAACATCTCCTTCTATAACATGAGTGACAAGTCCCACCTTTTCTCCTCCACAGGGCTTCTTCTCT  
 GGGACTCTTCTTCCATACTTTCGGCTTAAGTCTGGAAATATCTCGATGACTGTCAGCTCCATGGCTGTG  
 TGTCTGAGGGGCAGCAGGGAGAAGAGGGGAGGAGGAAGGAAAAGAAGTAGGAAGGGGAGGAAGGGGAG  
 GAGGCCAAGAAGGGGAAGGGTTAGCTTTGCTTCTTTGAAGGAGTCTCTGAGTCCCACAGGGGAGGAG  
 GGCTGGTTCAGGCTTTGTGTTGGTCTCTCCCTCAGGGGAAGAATCTCCATTCCTCCAGGATGCCA  
 GGGACACTCTGTCCCA**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001166344
- Insert Size:** 1770 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\\_001166344.1](#), [NP\\_001159816.1](#)

**RefSeq Size:** 1770 bp

**RefSeq ORF:** 1770 bp

**Locus ID:** 294268

**Cytogenetics:** 20p12