

Product datasheet for **MC204607**

Btn1a1 (NM_013483) Mouse Untagged Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Btn1a1 (NM_013483) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Btn1a1 |
| Synonyms: | Btn |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

Fully Sequenced ORF:

>BC031459
 CCGACGCGTGGGTGCGAAATCGCCTGAAGCTCTTGGCGGGCTTCATTGCCCCAGTTAGCTCAGAGATGGCA
 GTTCCCACCAACTCCTGCCTCCTGGTCTGTCTGCTCACCCCTACTGTCCTACAGCTGCCACGCTGGATT
 CGGCTCCCTTCGATGTGACCGCACCTCAGGAGCCAGTGTGGCCCTAGTGGGCTCAGATGCCGAGCTGAC
 CTGTGGCTTTTCCCAAACGCGAGCTCAGAATACATGGAGCTGCTGTGGTTTCGACAGACGAGGTCGACA
 GCGGTACTTCTATACCGGGATGGCCAGGAGCAGGAGGGCCAGCAGATGACGGAGTACCGCGGGAGGGCGA
 CGCTGGCGACAGCCGGGCTTCTAGACGGCCGCTACTCTGCTGATCCGAGATGTCAAGGCTCAGACCA
 GGGGAGTACCGGTGCCTTTTCAAAGACAACGACGACTTCGAGGAGGCCCGCTATACCTCAAAGTGGCT
 GCTGTGGGTTTCTCAGATCCTCAAATCAGTATGACGGTTCAAGAGAATGGAGAATGGAGCTGGAGTGCACCT
 CCTCTGGATGGTACCCAGAGCCTCAGGTGCAGTGGAGAACAGGCAACAGAGAGATGCTACCATCCACGTC
 AGAGTCCAAGAAGCATAATGAGGAAGGCCTGTTCACTGTGGCAGTTTCAATGATGATCAGAGACAGCTCC
 AATAAGAACATGTCTGTGCATCCAGAATATCCTCCTTGGCCAGGGGAAGGAGTAGAGATCTCCTTAC
 CAGCTCCCTTCGTCCAAGGCTGACTCCCTGGATAGTAGCTGTGGCTATCATCTTACTGGCCTTAGGATT
 TCTCACCATTGGGTCCATATTTTTCACTTGGAAACTATAACAAGAAAGATCCAGTCTGCGGAAGAAGGAA
 TTTGGCTCAAAGAGAGACTTCTGGAAGAACTCAGATGCAAAAAGACTGTACTGCATGAAGTTGACGTGA
 CTCTGGATCCAGACACAGCCACCCCACTCTTCTGTATGAAGATTCAAAGTCAAGTTCGATTGGAAGA
 TTCACGTCAAGTCTGCCTGATAGACCAGAGAGATTTGACTCCTGGCCCTGTGTGTTGGGCCGTGAGACC
 TTTACTTCAGGGAGACATTAAGGGAGGTGGAGGTGGGAGATAGAAGTACTGGGCCATTGGTGTGTGTA
 GGGAGAATGTGGTGAAGAAAGGGTTTGACCCATGACTCCTGATAATGGGTTCTGGGCTGTGGAGTTGTA
 TGGAAATGGGACTGGGCCCTCACCCACTCAGGACCTCTCCGATTAGCAGGGCCCCCTCGCAGAGTT
 GGGGTTTTTCTGGACTATGACGCAGGAGACATTTCTTCTACAACATGAGTAACGGATCTTTATCTATA
 CTTTCCCTAGCATCTCTTTCTCTGGCCCCCTCCGTCCTTCTTTTGTCTGTGGTCTGTGGTAAAAAGCC
 CCTGACCATCTGTTCAACTGCCAATGGGCTGAGAAAGTACAGTCATTGCTAATGTCCAGGACGACATT
 CCCTTGTCCCGCTGGGGGAAGGCTGTACTTCTGGAGACAAGAGACTCTCCATTTCTAAACTGATCCCGT
 TCTCACCTAGCCAAGCGGCACCATAACAATATTCAGCTTACGACTTTGCCTTCTTTGACTAATCCC
 TCATGCCCGAAGCTTCACTGTGTGGCTTCTTGCAGCCCTGCTTCTTCTGGTGGATGGAGATTAATTCA
 CATTGGGAAGGTTAGGTATGTTGCTGCCAGACAAGGCAGGAAGAAAGGCCATCCTAGTTTGTCTGTAC
 TAACAGTGGGGAGGAAGAGAGCTGAATCCTAAACTATTTCCAGTGTCTATTTCTTCCAGCCAGAGCCT
 ATAGAGAAGGATTTGGTACAATCACTCGAGGGATCAAGAGGCAATTAGGTTGGCATGGAATTATGGCAGA
 AACATCTGGAATAGGGTATGTGGAATGACAGGTTTTAGGTAAGGGAGAACAACAAACCATAGGATG
 CTGAGAAAGAAAGATCTTGGACTAAACTCCTAAAAAGCACTTAGAGAAGATATGACAGGCAAAATGAAGT
 GAATTTGGTCTAATTTGATACACTTGCCTGTCCCTAGGGTTTTTTCAGTTATATCTCAATTTTTTTGTG
 TTAATTACATTTTTGACAGCTTCATACATGTATATAATGCATTCTAATTACTCTCACTCTCCTCTATTCT
 GTCTTATTTCCCTCCCCTCCCCTCATACCTTCTTCTTGTCTCAAACCTGGCACACTGAGTTAATGGGC
 TATCATGGGAACATGGATTTAGAGCTTTCCTCTGAGCTCAAGAGAGCAGGTGTGACTGAATACAGTGATT
 TCCCTCTCCTACAATCAATCAGCAGTCAATAGCTCAGCTGGGAGGGGTAGGGCTCATGAGACTTCCC
 TATCAAGGCTAAATGTTGAAAGGGCCAGTTTTAGCACCTGTGAGATCATGATTGCAAGAGCCCAGAAGA
 CAGCATTGCTCGGTCAATCTCCCTACCTTTGGCTTTTCTGGTCTTTTGTCTCTTTCCAGGATGTGTC
 TGAACCTGTATCTTAAGTTTTCTATGTCATGTTCTATAAGATAGAGGAGACTGGCCCTGCTTGTGAG
 AGCAATGTGAGCAAGCTAGCAAGAGACAGAAAGGAGCGGAGATGAATAGGGGTAGAGAAAATTTTTAAAC
 AAACCCTCCAGGT
 TGTTTTAAGATAGAGTTTACTATGTAGCTTAGGCTGGCTTTGAATTCCTGATCCTCCTGCCTACCTT
 CCAAGTGTGAAACATAGCCACATCCACCACCCTATCCAGTCCACCTGGTTTGATTTCAGCAACGCTCA
 GGTAGCATCGCTGTTGATCTGGAGCTGCCAGCTCCCTCGGCCCCCACTGCAATGCTTAACCCCTCACA
 GGCACCTCCCTGCCTAACACTGCCATCCTTTCCACACTGAGCCATTTGCTCAATGTAGCCTACCCAG
 GTATCCTGCTTTCTGGTCCCAAAGTTACACCATGATGCTCAGCACAGCTGGACAGTTTGTCCCAATTTG
 TGTGTGCTCCTGTTTGTATGGGACTTCTTTTGTCAATGGCCTGTGTGTATCCAAGCTCTTCCACT
 TCTATTGTATTTTTCCGGCTTCTAAAACAGATGTTACCAAATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAA

Restriction Sites:

RsrII-NotI

| | |
|-------------------------------|---|
| ACCN: | NM_013483 |
| Insert Size: | 1572 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: | <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: | BC031459 , AAH31459 |
| RefSeq Size: | 3364 bp |
| RefSeq ORF: | 1572 bp |
| Locus ID: | 12231 |
| UniProt ID: | Q62556 |
| Cytogenetics: | 13 9.72 cM |
| Gene Summary: | May function in the secretion of milk-fat droplets. May act as a specific membrane-associated receptor for the association of cytoplasmic droplets with the apical plasma membrane (By similarity). Inhibits the proliferation of CD4 and CD8 T-cells activated by anti-CD3 antibodies, T-cell metabolism and IL2 and IFNG secretion.[UniProtKB/Swiss-Prot Function] |