

Product datasheet for **MC217249**

Btn1 (NM_001111094) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Btn1 (NM_001111094) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Btn1
Synonyms:	Btn13; Gm33; Gm316
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217249 representing NM_001111094
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGATGAAGGCTCCCCCTCCGTCCTCCAGCTGGTTGTCTCCTCCCTCTGCTCCTCTGCTGTTTACCG
 GAGTCTCTGGAGAAGTGTCTTGGTTTTCTGTGAAGGGACCAGCTGAGCCATCACTGTCCTGCTGGGGAC
 TGAAGCCACCCTGCCCTGCCAGCTGTCTCCTGAACAGAGTGCAGCTCGCATGCACATCCGATGGTACCGT
 GCCCAGCCACCCTGCTGTGCTGGTGTCCACAACGGACAGGAGCAGGGAGAGGTGCAGATGCCGGAAT
 ACAGGGGACAGCCAGATGGTGAAGACAAGCCATTGACATGGGAAGTGTGGCTCTGCAGATACAGCAGGT
 CCAGGCCCTCTGATGATGGCCTGTACCACTGTGAGTTTACAGATGGCTTCCCTCCCAAGAGGTCTCCATG
 GAGCTTCGAGTCATAGGTTTAGGCTCTGCCCTTTGTTTACATGACAGGACCTGAGAATGATGGGATCC
 GAGTGTGTGCTCCTCAAGTGGCTGGTTCCAAAACCCAAAGTGAATGGAGAGACACCTCCGGGAACAT
 GCTACTGCTCCTCTGAGTTGCAGACCAAGACAGAGAAGGGCTTCCAGGTGGAAGTGTCTCTTTTG
 GTCACAGATAGAGCTATTGGCAATGTGATCTGCTCCATCCAAAATCCCATGTATGACCAGGAGAAAATCGA
 AGGCCATCCTCCTCCAGAGCCCTTCTCCCAAGACGTGCCATGGAAGTAGCCCTGGTTTGTCTGT
 CCTCATACTATTGGTCTGCTCGGTGGGATCAGCCTTGGAAATCTGGAAAGAACATCAAGTCAAAGGAGA
 GAAATTAATAAATGGTCAAAGGAACATGAAGAAATGCTTCTGTTGAAGAAGGGGACAAAATCTGTA
 AGATCAGAGATGACCTCCAGGCCGACCTAGATCGGAGGAAGGCGCTGTACAAAGAAGACTGGAAGAAGGC
 CTTGCTGTACCCTGACTGGAGGAAGGAGCTGTTCCAGGAGGCTCCTGTGAGGATAAATTATGAAATGCCT
 GACCAGGACAAGACAGACTCAAGGACAGAAGAGAAGAGGAGTGGAGACTGTGAGGAGTGCAGCAGTCA
 ACCAACCCTCATCACACTCTCCAGGAAGGCTCATGTTGGGAAGATACTACTGGGAGGTGGATGTCAA
 GGACACAGAGGAGTGGACACTAGGAGTTTATGAGCTGTGCACTCAGGATGCATCACTTACAGACCCCTTG
 AGGAAATTCAGAGTCTGAAAAGAAATGGAGATGGATACAGGGCTCTTGACTTCTGTTCCAAAACATTA
 ATTCGGAAGAACCCTGCAACTGAAGACACGTCCGCTGAAGATCGCCATCTTCTGGATCAGGAAGACAA
 TGACCTCTTTTCTACAACATGACCGATGAGACACACATCTTTTCTTTGCCAGGTCCCTTTCTTGGGA
 TCACCCTATCCTTACTTCACACGTAATTCATGGGGCTCTCTGCAACAGCACAGCC**TAA**

ACGGTACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001111094

Insert Size: 1530 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_001111094.1](#), [NP_001104564.1](#)

RefSeq Size: 2113 bp

RefSeq ORF: 1530 bp

Locus ID: 100038862

UniProt ID: [Q7TST0](#)

Cytogenetics: 17 17.98 cM