

Product datasheet for **MC228042**

Btbd35f21 (NM_001270669) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Btbd35f21 (NM_001270669) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Btbd35f21
Synonyms:	Gm21951; Mgclh
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228042 representing NM_001270669
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGCTTTTAGTCAGCAGGGTCTTGAGATGCAGGGATTCCAGTCTGTTAGAGCCACAGCCAGAAGCCA
 TAGCCGGAGCCAGCTACATTCTGGCAGTCGCAAGCGAAAAAGAAACAGTTTGGAGGAGTTGGCAACAAG
 TTCTAATGTTTCATGGACCTCAAAACCAGGGAATGTATCCACATCAAGTTCTCAACTACATCTACTGGAAA
 AGGGTTAAGATCTCATCTAATGATGCTTATCAAAACTATTTTTGGACGGGCATGATAGCGACATTA
 TCCGTGCTCTGGGAAGAACATGGTGTACACAAAGTATTTTTATGTCAGTCAGGCTACTTTGCTAACAT
 TCTCAAAGGTAAGTGGAGAGAATCACACCATGGTGTATAAATCTGATCATTAAAGATGAGGATATTGAT
 ACCCGATCTGCAATTTGTGTTGGTGTCTGTACACGGATGCGGATTTGTCAATAACACCTCTGGAAG
 TTCTCAAGTTTGGCAGCAGCATGCCTGCTTCGAGTGGATCGAGTAATTCAGCAGTGTGAAGGAATCAT
 GAAAGAACTATCAACAGGAACACTGTGTCTCTATTATTTGGCAGCAGAAACCTATAGATTAAGCT
 GTAAGAGCAGATGCTTTGAATGGCTTCTTTGCAATTTGATGGTACATCCAAGTGTGGCACTTTACAAGG
 AAGTAGATATGAAGTTGATGTATCTTAGCACTGTCTTCTGACTTACTAGTCATGCAAAAAGGAGATTGA
 TGTATATACCACACTAAAAATATGGATGATCCTTTATCTTAATCCATGCTGGAACGGAACCATGAAACAG
 CTTTTACAACACGCAAACTGGCTTTCCACCCACATGGCATATATTGATAACATCAGTTTTCTTGAAA
 GTGAAGAAGGACTAATTTCAACCAAGTGTAAAAAGCTGAGATTTGAGCACATCATCTGTGACTTGAC
 TTCCACAACATTTCTGAACAAGATCGACTAATACCTATGGCATGGTTGTCACCCATTTACAACAACAG
 TGGTTGACTTTGCTGCGAACACAAGAATATGGGTAATGGACCACAAGTATCAATGAACAAGAAGTTG
 AAGAATGCACCATGAGGTGTGGTACAATGATCCCAAAGATGGAAGATATACTTGAAGTGGTCAAGTTGG
 ACGACTTGGCTTTCTTTACGTGTGACCTTTACCAGGCAGTGTGTAATTTAAGGCAACGGTGTGAGAGG
 TGTGATGGTTCTGCTTGCACAACCATATCCGAAATGTCATATTCAGAATAACTTTGGTGTGTTTTGATT
 CCAACAAAAGAGTAACTTTAGAAAAGACAACAGGTTATAAAATCCTCACCTTTGAATATAACGAGGAGCA
 AATTGTAATGAAATTGGATAGTGATGTTCTAACCTTCCCTATGTGATATTTCTGCAATTTCTTTTTGTA
 AACCTAGGAAATGCAGAAAACAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001270669

Insert Size: 1497 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_001270669.1](#), [NP_001257598.1](#)

RefSeq Size: 1921 bp

RefSeq ORF: 1497 bp

Locus ID: 100862329

UniProt ID: [Q99N64](#)

Cytogenetics: X

Gene Summary: Possible function in spermatogenesis. Probable substrate-specific adapter of an E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.[UniProtKB/Swiss-Prot Function]