

Product datasheet for **MC228037**

Btbd35f23 (NM_001270667) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Btbd35f23 (NM_001270667) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Btbd35f23
Synonyms:	Gm21950; Mgclh
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228037 representing NM_001270667
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGCTTTTAGTCAGCAGGGTCTTGAGATGCAGGGATTCCAGTCTGTTAGAGCCACAGCCAGAAGGCA
 TAGCCGGAGCCAGCTACATTCCTGTCAAGCGAAAAAGAACAGTTTGGAGGAGTTGGCAACAAG
 TTCTAATGTTTCATGGACCTCAAAACCAGGGAATGTATCCACATCAAGTCTCAACTACATCTACTGGAAA
 AGGGTTAAGATCTCATCTAATGATGCTTATCAAACTATTTTTGGACGGGCATGATAGCGACATTA
 TCCGTGCTCTGGGAAGAACATGGTGTACACAAAGTATTTTTATGTCAGTCAGGCTACTTTACTAACAT
 TCTCAAAGTACTTGGAGAGAATCACACCATGGTGTATAAATCTGATCATTAGAATGAGGATATTGAT
 ACCCGATCTCTGCATTTGTGTTGGTCTTTGTACACGGATGCGGATTTGTCAATAACACCTCTGGAAG
 TTCTCAAGTTTGGCAGCAGCATGCCTGCTTCGGGTGGATCGAGTAATTCAGAAGTGTGAAGGAATCAT
 GAAAGAACTATCAACAGGAACACTGTGTCTCTATTATTTGGCAGCAGAACTATAGATTA
 GTAAAGACGAGATGCTTTGAATGGCTTCTTTGCAATTTGATGGTACATCCAAGTGTGGCACTTTACAAGG
 AAGTAGATTTGAAGTTGATGTATCTTCTAGCACTGTCTTCTGACTTACTAGTCATGCAAAAGGAGATTGA
 TGTATATACCACACTAAAAATATGGATGTTCTTTATCTTAATCCATGCTGGAACGGAACCATGAAACAG
 CTTTTACAACACGCAACAACACTGGCTTTCCACCCACATGGCATATGTTGATAACATCAGTTTTCTTGAAA
 GTGAAGAAGGACTAATATTTCAACCCGTGTTAAAAAGCTGAGATTTCAAGCACATCATCTGTAACTTGAC
 TTCCACAACATTTCTTGAACAAGATCGACTAATACCTATGGCATGGTTGTCACCCATTTACAACAACAG
 TGTTGACTTTGCTGCGAACACAAGAATATGGGGTAATGGACCACAAGTTATCAATGAACAAGAATTG
 AAGAATGCACCATGAGGTGTGGTACAATGATCCCCAAAGATGGAAGATATACTTGAAGTGGTCAGTTGG
 ACGACTTGGCTTTCTTTACGCGTGACCTTTACCAGGCAGTGTGTAATTTAAGGCAACGGTGTGAGAGG
 TGTGATGGTTCTGCTTGCACAACCATATCCGAAATGTCATATTCAGAATAACTTTGGTGTGTTTGTATT
 CCAACAAAAGAGTAACTTTCAAGAAAGACAACAGGTTATAAAATCCTCACCTTTGAATATAACAGGAGCA
 AATTGTAATGAAATTGGATAGTGATGTTCTAACCTTCCCTATGTGTATTTCTGCAATTTCTTTTTGTA
 AACCTAGGAAATGCAGAAAACAAGTAA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001270667

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_001270667.1](#), [NP_001257596.1](#)

RefSeq Size: 1904 bp

RefSeq ORF: 1497 bp

Locus ID: 100861966

UniProt ID: [Q99N64](#)

Cytogenetics: X