

Product datasheet for **MC228021**

Btbd35f3 (NM_001243001) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Btbd35f3
Synonyms:	100042168; Gm3706
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC228021 representing NM_001243001
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGGCTTTTAGTCAGCAGGGTCTTGAGATGCAGGGATTCCAGTCTGTTAGAGCCACAGCCAGAAGCCA
TAGCCGGAGCCAGCTACATTCTGGCAGTCGCAAGCGAAAAAGAAACAGTTTGGAGGAGTTGGCAACAAG
TTCTAATGTTTCATGGACCTCAAACCAGCGAATGTATCCACATCAAGTTCTCAACTACATCTACTGGAAA
AGGGTTAAGATCTCATCTAATGATGCTTACAAAAGTATTTTTGGACGGGCATGATAGCGACATTAATA
TCCGTGCTCTGGGAAAAACATGGTGTTCACAAAAGTATTTTTATGTCAGTCAGGCTACTTTGCTAACAT
TCTCAAAGGTACTTGGAGAGAATCACACCATGGTGTATAAATCTGATCATTAAAGAAATTGGATACCCGA
TCTCTGCATTTTGTGTTGGTCTTTGTACACGGATGCGGATTTGTCAATAACACCTCTGGAAGTTCCTC
AAGTTTGGCAGCAGCATGCCTGCTTCGGGTGGATCGAGTAATTCAGCAGTGTGAAGGAATCATGAAAGA
AACTATCAACAGGAACACTGTGTGCTCTATTATTTGGCAGCAGAAACCTATAGATTAAAAGCAGTAAAG
ACGAGATGCTTTGAATGGCTTCTTTGCAATTTGATGGTACATCCAAGTGTGGCACTTTACAAGGAAGTAG
ACTTGAAGTTGATGATCTTCTAGCACTGTCTTCTGACTTACTAGTCATGCAAAAAGGAGATTGATGTATA
TACCACACTAAAAATATGGATGTTCTTTATCTTAATCCATGCTGGAACGGAACCATGAAACAGCTTTTA
CAACACGCAAACTGGCTTCCACCCACATGGCATATGTTGATAACATCAGTTTTCTTGAAAGTGAAG
AAGGACTAATATTTCAACCAGTGTAAAAAGCTGAGATTTTCAGCACATCATCTGTGACTTGACTTCCAC
AACTATTCTTGAACAAGATCGACTAATACCTATGGCATGGTTGTCAACCCATTTACAACAACAGTGGTTG
ACTTTGCTGCGAACACAAGAATATGGGGTAATTGGACCACAAGTTATCAATGAACAAGAAGTTGAAGAAT
GCACCATGAGGTGGTACAATGATCCCCAAGGATGGAAGATATACTTGAAGTGGTCAGTTGGACGACT
TGGCTTTCCTTTACGTGTGACCTTTACCAGGCAGTGTGTAATTTAAGGCAACGGTGTGAGAGGTGTGAT
GGTTCTGCTTGCCACAACCATATCCGAAATGTCATATTCAGAATAACTTTGGTGTGTTTGTATTCCAACA
AAAGAGTAACCTTTCAGAAAGACAACAGGTTATAAAATCCTCACCTTTGAATATAAGGAGGAGCAAATTGT
AATGAAATGGATAGTGATGTTCTAACCTTCCCTATGTGTATTTCTGCAATTCCTTTTTGTAAACCTA
GGAAATGCAGAAAACAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001243001

Insert Size: 1491 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:	<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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001243001.1, NP_001229930.1</u>
RefSeq Size:	1949 bp
RefSeq ORF:	1491 bp
Locus ID:	100042168
Cytogenetics:	X