

Product datasheet for **MC216920**

Btbd6 (NM_001145900) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Btbd6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC216920 representing NM_001145900
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCCGCGGAAGTGTACCCGCCGCCAGTCCCTCTGCAGCTACTGCCACCGACATCGCCAACAGCAACG
 CGGCAGGCGCAGCCGAGAGCACGAAGGTCGGGCTTTGCTGCCCGCCCTGCCTGGCACCCGCCCGCTGCC
 GCCCTTGCCCGCGCCGCCCTTGCCAGACAACAATCCCGAGAGCCCAACTGGCAGTCTTCCATCCT
 ACGCTGCGCGAGAGGAATGCGCTCATGTTCAACAACGAGCTGATGGCTGACGTCCACTTCATCGTGGGG
 CTCTGGGGGCTGCCAGGCGTGTGCCGCCCAAGTATGTCTTGGCTGTGGCAGCTCCGTCTTATGC
 CATGTTCTACGGGGATCTTGCGGAAGTGAAGTCAGAAATCCACATTCGGATGTGGAGCCTGCTGCCTTC
 TTGGTCTTGCTAAAGTACATGTACAGCGATGAGATCGACCTGGAGGCGGACACAGTCTTGCACCTCTGT
 ATGCTGCTAAGAAGTACATCGTGCCTGCCCTGGCCAAGGCTGCGTCAACTTTCTGAAACAAGTCTGGA
 AGCCAAAAATGCTTGTGCTCTGCTGTCCAGAGCCGACTGTTTGGAGAGCCTGAACTGACCCAGAGATGC
 TGGGAAGTCATTGATGCACAAGCTGAAATGGCCCTGAGGTCTGAAGGCTTCTGTGAAATTGACCGGCAGA
 CACTGGAGATCATTGTGACCGAGGAGGCCCTCAATACCAAGGAGGCTGTGGTCTTCGAGGCCGCTCTGAA
 CTGGGCTGAGGCAGAAATGTAAGAGACAGGGCCTCCAGTCACTCTCACAAAGAGGATGTTTTGGGA
 AGAGCCCTCTACCTGGTCCGAATTCGAATATGACCTTAGAGGAGTTTGCAATGGTGCCGCCAGTCTAG
 ACATCCTGACCTTAGAAGAGACCCACAACATCTTCTTTGGTACACTGCTGCCAAAAAGCCCTCCTTGA
 CTTCCCTGACCAAGAGGAAGGGCCTTGCTCCACAAGGTGCCACCGCTTCCAGTCTTCTGCCTACCGA
 AGTAACCAAGTGGAGGTACCGTGGAGCTGTGACAGCATCCAGTTTGCAGTGGACAGAAGGGTGTTCATTG
 CTGGGCTGGGCTTGTATGGGTCCAGCTCTGGGAAGGCTGAGTACAGCGTCAAGATTGAACTCAAGCGCT
 AGGGATGGTCTGGCTCAGAACCTACCAAGTTTGTTCAGACGGATCCAGCAACACTTCCAGTCTGG
 TTTGAGCACCCGGTCCAGGTGGAGCAGGACACCTTCTACACTGCCAGTGTCTGCTGGACGGCAGTGAGC
 TCAGCTACTTTGGCAAGAAGGAATGACAGAGGTGAGTGTGGGAAGGTAGCCTTCCAGTCCAGTGTCTC
 CTCAGACAGTACCAATGGGACTGGAGTTCAGGGTGGACAGATTCCAGAGCTCATCTTCTATGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001145900

Insert Size:

1467 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001145900.1 , NP_001139372.1
RefSeq Size:	1993 bp
RefSeq ORF:	1467 bp
Locus ID:	399566
UniProt ID:	Q8K2J9
Cytogenetics:	12 F1
Gene Summary:	Adapter protein for the cul3 E3 ubiquitin-protein ligase complex (By similarity). Involved in late neuronal development and muscle formation (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region and uses a downstream translational start codon, compared to variant 1. The encoded isoform (2) is shorter at the N-terminus, compared to isoform 1.