

Product datasheet for **SC107179**

BTBD6 (NM_033271) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BTBD6 (NM_033271) Human Untagged Clone
Tag:	Tag Free
Symbol:	BTBD6
Synonyms:	BDPL
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_033271, the custom clone sequence may differ by one or more nucleotides

ATGGCGGCGAACTCTACGCTCCCGCCAGCGCCGCGGCGGACCTAGCCAACAGCAACGCCGGCGCCG
 CCGTGGGCGAGGAAGGCCGGGCGCGCAGCCCGCCAGCGCCCGCGCCAGCGCCCGCGCCCGCGCC
 CGCGCCGCGCCACACTCGGCAACAACCACCAGGAGAGCCCGGCTGGCGGTGCTGCCGCCACGCTGCGC
 GAGAGGAACGCGCTCATGTTCAACAACGAGCTCATGGCCGACGTGCACTTCGTCTGGGGCCCCGGGG
 CGACCAGGACGGTGCCCGCCACAAGTACGTCTTGGCTGTCGGCAGCTCCGTCTTCTATGCCATGTTCTA
 CGGAGACCTGGCGGAAGTCAAATCTGAAATTCACATTCCAGACGTGGAGCCCGCAGCCTTCTGATCCTC
 TTAAGTACATGTACAGTGATGAGATCGATCTGGAAGCCGACACGGTGCTGGCCACTCTGTACGCTGCTA
 AGAAGTACATCGTCCAGCATTGGCAAAAGCCTGTGTCAACTTTCTGGAGACAAGTTTGAAGCCAAGAA
 CGCCTGCGTCTGCTGTCCAGAGCCGGCTGTTTGAGGAGCCCGAGCTGACGCAGCGCTGCTGGGAGGTC
 ATTGACGCACAGGCCGAGATGGCCCTACGGTCCGAAGGCTTCTGTGAGATAGACCGGCAGACGCTGGAGA
 TCATTGTCACTCGGGAGGCCCTCAACACCAAGAGGCGGTGGTCTTCGAGGCCGCTCTGAAGTGGGCCGA
 GGCGGAGTGCAAGAGGCAGGGGCTGCCAATCACCCACGAAACAAGAGGCATGTTCTGGGCGAGCCCTC
 TATCTGGTCCGAATCCAACCATGACCCTAGAGGAGTTTGCCAACGGCGCTGCCAGTCAGACATCCTGA
 CTCTGGAGGAGACCCACAGCATCTTCTGTGGTACACGGCCACCAACAAGCCCCGCTGGACTTTCCCT
 GACCAAGAGGAAGGGCTCGCCCCGAGAGGTGCCACCGATTCCAGTCTTCTGCCTACCGCAGCAACCA
 TGGCGGTACCGCGGGCGCTGCGACAGCATCCAGTTTGCAGTGGACAGAAGGGTATTATTGCAGGGCTGG
 GCCTGTATGGCTCCAGCTCTGGGAAGGCTGAGTACAGCGTGAAGATTGAGCTCAAGCGGCTCGGGGTGGT
 TCTGGCTCAGAACTTGACCAAGTTCATGTGACAGCGATCCAGTAACACCTTCCGGTCTGGTTTGAACAC
 CCGGTCCAGGTTGAACAAGACACCTTCTACACGGCCAGTGCCGTCTGGACGGCAGCGAACTCAGCTACT
 TTGGGCAGGAGGGGATGACGGAAGTGCAGTGTGGAAGGTGGCCTTCCAGTTCAGTGCTCCTCGGACAG
 CACCAACGGGACTGGGTCCAGGTGGGCAGATCCCTGAGCTCATTTTCTATGCCTGA


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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_033271 unedited <pre> NCCGTTTCANATTTGTATACGACTCCTATAGGCGGCCGCGCAATTCGCACGAGAGCGCCC CCGTTCCAGCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCC AGAGCCCCGGCTGGCGGTGCTGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCCGCC ACAACGAGCTCATGGCCGACGTGCACTTCGTCTGTTGGGGCCCCGGGGGCGACAGGACGG TGCCCCCCCACAAGTACGTCTTGGCTGTCGGCAGCTCCGTCTTCTATGCCATGTTCTACG GAGACCTGGCGGAAGTCAAATCTGAAATTCACATTCCAGACGTGGAGCCCGCAGCCTTTC TGATCCTCTTAAAGTACATGTACAGTGATGAGATCGATCTGGAAGCCGACACGGTGCTGG CCTACTCTGTACGCTGCTAAGAAGTACATCGTCCCAGCATTGGCAAAGCCTGTGTCAACT TTCTGGAGACAAGTTTGAAGCCAAGAAGCGCTGCGTCTGCTGTCCCAGAGCCGGCTGT TTGAGGAGCCCGAGCTGACGCAGCGCTGCTGGGAGGTCATTGACGCACAGGCCGAGATGG CCCTACGGTCCGAAGGCTTCTGTGAGATAGACCGGCAGACGCTGGAGATCATTGTCACTC GGGAGGCCCTCAACACCAAGAGCGGTGGTCTTCGAGGCCGCTGAAGTGGGCCCCGAG CGGAGTGCAAGAAGCANNGGGCTGCCAATCACCCACGAAACAAGAGGACTGTTCTGGNN GCGAGCCCTCTATCTGGTCCCGATTCCAACCATGACCCTAGNAGGAGTTGCCAACGGCGC TGCCACGTGAGACATCTGACTCTGGNAGGAGACCACAGCATCTTCTGTGGTACACGGN NCACCACAGNCCCGNCTGNACTTCCCTGACCAGAC </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_033271
Insert Size:	3000 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:	<u>NM_033271.1</u> , <u>NP_150374.1</u>
RefSeq Size:	2001 bp
RefSeq ORF:	1233 bp
Locus ID:	90135
UniProt ID:	<u>Q96KE9</u>
Cytogenetics:	14q32.33
Protein Families:	Druggable Genome

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]