OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC306492

BTBD9 (NM_152733) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BTBD9 (NM_152733) Human Untagged Clone
Tag:	Tag Free
Symbol:	BTBD9
Synonyms:	dJ322I12.1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

Fully Sequenced ORF:

>SC306492 representing NM_152733.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCGAGAGTCTCAGCCTGAAGCAGAAATTCCTCTCCAAGACACCACTGCAGAAGCATTCACAATGCTA
CTCAAATATATCTACACTGGGCGGGCAACGCTGACAGATGAGAAGGAGGAGGTGCTGCTGGACTTTTTG
AGCCTGGCTCATAAATATGGATTTCCAGAGCTAGAGGATTCTACCTCTGAGTATCTCTGCACCATACTT
AACATTCAGAATGTCTGCATGACTTTTGATGTTGCCAGTCTCTACTCACTTCCCAAGTTAACTTGTATG
TGCTGCATGTTTATGGATAGGAATGCTCAGGAAGTCCTCTCAAGTGAAGGTTTCCTCTCCCTTTCTAAG
ACAGCACTTTTAAACATCGTGTTAAGAGACTCATTTGCAGCTCCCGAAAAAGATATTTTCCTAGCCTTA
TTAAACTGGTGTAAGCACAATTCAAAGGAGAATCATGCTGAAATCATGCAGGCTGTGCGTTTACCTCTC
ATGAGCCTCACAGAGCTTCTGAATGTTGTGAGGCCTTCAGGACTGCTGTCTCCTGATGCCATCCTGGAT
GCCATTAAAGTGCGATCTGAGAGCCGGGATATGGACCTCAATTATAGAGGCATGCTCATACCAGAAGAA
AACATTGCAACTATGAAGTATGGAGCCCAAGTTGTAAAGGGGGAGCTGAAATCAGCCTTATTAGATGGT
GATACTCAAAATTATGATTTGGATCATGGATTTTCAAGGCACCCAATTGATGATGACTGCCGTTCCGGC
ATCGAGATTAAGCTAGGTCAGCCATCCATTATCAATCACATACGGATACTCTTGTGGGACCGAGATAGC
CGGTCTTACTCATACTTCATTGAAGTGTCAATGGATGAACTTGATTGGGTCAGAGTGATAGATCATTCA
CAATATCTGTGTCGTTCTTGGCAGAAATTATATTTTCCAGCCCGTGTCTGCAGGTATATTCGAATTGTT
GGGACTCACAACACAGTGAACAAGATTTTTCACATTGTGGCTTTTGAATGTATGTTTACAAACAAAACC
TTCACTCTTGAGAAGGGGCTGATAGTTCCCATGGAGAATGTTGCAACAATTGCTGATTGTGCCAGTGTG
ATTGAAGGAGTCAGTCGGAGCCGAAATGCCTTGCTGAATGGGGACACTAAGAATTATGACTGGGATTCT
GGCTACACATGTCACCAGCTAGGAAGTGGTGCGATTGTGGTTCAGTTGGCACAACCGTACATGATTGGG
TCAATACGGTTACTACTTTGGGATTGTGATGATCGAAGCTATAGCTACTACGTTGAGGTTTCTACCAAC
CAGCAACAGTGGACCATGGTTGCTGACAGAACTAAAGTCTCCTGCAAGTCCTGGCAGTCAGTAACTTTT
GAAAGGCAGCCTGCCTCCTTCATCCGTATCGTTGGGACACACAACACAGCAAATGAGGTGTTCCACTGT
GTCCACTTTGAGTGTCCAGAGCAGCAGAGCAGCCAGAAGGAGGAAAATAGTGAGGAATCGGGGACAGGG
GACACCAGCCTGGCCGGTCAGCAGCTCGACTCCCATGCGCTGCGGGCGCCTAGTGGCAGCTCACTACCC
TCCAGCCCAGGCTCCAACTCACGCTCCCCCAACCGGCAGCACCAATAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI

ACCN: NM_152733

Insert Size: 1635 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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_152733.2
RefSeq Size:	8504 bp
RefSeq ORF:	1635 bp
Locus ID:	114781
UniProt ID:	Q96Q07
Cytogenetics:	6p21.2
MW:	61.6 kDa
Gene Summary:	This locus encodes a BTB/POZ domain-containing protein. This domain is known to be involved in protein-protein interactions. Polymorphisms at this locus have been reported to be associated with susceptibility to Restless Legs Syndrome and may also be associated with Tourette Syndrome. Alternatively spliced transcript variants have been described. [provided by RefSeq, Aug 2011] Transcript Variant: This variant (3) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (b) is shorter than isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.