

Product datasheet for **SC328947**

BTBD9 (NM_001172418) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BTBD9 (NM_001172418) Human Untagged Clone
Tag:	Tag Free
Symbol:	BTBD9
Synonyms:	dj322i12.1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	>NCBI ORF sequence for NM_001172418, the custom clone sequence may differ by one or more nucleotides <pre> ATGTGCAGAGCATTATTATATGGTGAATGCGAGAGTCTCAGCCTGAAGCAGAAATTCCT CTCCAAGACACCACTGCAGAAGCATTACAATGCTACTCAAATATATCTACACTGGGCGG GCAACGCTGACAGATGAGAAGGAGGAGGTGCTGCTGGACTTTTGGAGCCTGGCTCATAAA TATGGATTTCCAGAGCTAGAGGATTCTACCTCTGAGTATCTCTGCACCATACTTAACATT CAGAATGTCTGCATGACTTTTGATGTTGCCAGTCTCTACTCACTTCCCAAGTTAACTTGT ATGTGCTGCATGTTTATGGATAGGAATGCTCAGGAAGTCCTCTCAAGTGAAGGTTTCCTC TCCCTTTCTAAGACAGCACTTTTAAACATCGTGTTAAGAGACTCATTTCAGCTCCCGAA AAAGATATTTTCTAGCCTTATTAACACTGGTGAAGCACAATTCAAAGGAGAATCATGCT GAAATCATGCAGGCTGTGCGTTTACCTCTCATGAGCCTCAGAGCTTCTGAATGTTGTG AGGCCTTCAGGACTGCTGCTCCTGATGCCATCCTGGATGCCATTAAAGTGCATCTGAG AGCCGGGATATGGACCTCAATTATAGAGGCATGCTCATACCAGAAGAAAACATTGCAACT ATGAAGTATGGAGCCCAAGTTGTAAAGGGGAGCTGAAATCAGCCTTATTAGATGGTGAT ACTCAAAATTATGATTTGGATCATGGATTTTCAAGGCACCCAATTGATGATGACTGCCGT TCCGGCATCGAGATTAAGCTAGGTCAGCCATCCATTATCAATCACATACGATACTCTTG TGGGACCGAGATAGCCGGTCTTACTCATACTTCATTGAAGTGTCATGGATGAACCTGAT TGGGTCAGAGTGATAGATCATTACAATATCTGTGTCGTTCTTGGCAGAAATTATATTTT CCAGCCCGTGTCTGCAGTGGAGATGGAGTCTCACTATGGTGCCCACTCTGGTCTCGAACT CCTGAGCTCAAGCAATCCTCCCTCCTTGGCCTTCCAAAGTGCAGGTATATTGCAATTGTT GGGACTCACAACAGTGAACAAGATTTTACATTGTGGCTTTTGAATGTATGTTTACA AACAAAACCTTCACTCTTGAGAAGGGGCTGATAGTTCCCATGGAGAATGTTGCAACAATT GCTGATTGTGCCAGTGTGATTGAAGGAGTCAGTCGGAGCCGAAATGCCTTGCTGAATGGG GACACTAAGAATTATGACTGGGATTCTGGCTACACATGTCACCAGCTAGGAAGTGGTGCG ATTGTGGTTCAAGTGGCACAACCGTACATGATTGGGTCAATACGTTTACTACTTTGGGAT TGTGATGATCGAAGCTATAGCTACTACGTTGAGGTTTCTACCAACCAGCAACAGTGGACC ATGGTTGCTGACAGAATAAGTCTCCTGCAAGTCTGGCAGTCAGTAACTTTGAAGG CAGCCTGCCTCCTTCATCCGTATCGTTGGGACACACAACAGCAAAATGAGGTGTTCCAC TGTGTCCACTTTGAGTGTCCAGAGCAGCAGAGCAGCCAGAAGGAGGAAAAATAGTGAGGAA TCGGGGACAGGGGACACAGCCTGGCCGGTCAGCAGCTCGACTCCCATGCGCTGCGGGCG CCTAGTGGCAGCTCACTACCCTCCAGCCCAGGCTCCAACCTCACGCTCCCCCAACGGCGAG CACCAATAA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001172418
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_001172418.1](#), [NP_001165889.1](#)

RefSeq Size: 8639 bp

RefSeq ORF: 1749 bp

Locus ID: 114781

UniProt ID: [Q96Q07](#)

Cytogenetics: 6p21.2

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 (4) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (c) has a distinct N-terminus and is shorter than isoform 1. 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.