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Product datasheet for SC319661

BTBD14A (NACC2) (NM_144653) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BTBD14A (NACC2) (NM_144653) Human Untagged Clone
Tag:	Tag Free
Symbol:	BTBD14A
Synonyms:	BEND9; BTBD14; BTBD14A; BTBD31; NAC-2; RBB
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

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Fully Sequenced ORF:

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>OriGene sequence for NM_144653.3
CGGAGCGCCGGGACGCCAAGCACTTCCTGCCGCGGGCGGCGCGCCGCAGCTGCCCAGGCC
GGACCGGGCCGGGCGCCCGCAGATGAGCCCCGCTAGGGCCGCCCCGCGCTGAGAGCCCAG
CCCCGCCGCTGCCCGCCCGCCATGTCTCAGATGCTGCACATCGAGATCCCCAACTTCGGG
AACACAGTGCTGGGCTGCCTGAACGAGCAGCGCCTGCTGGGCCTCTACTGCGATGTGTCC
ATCGTGGTCAAGGGCCAGGCCTTCAAGGCCCACCGGGCGGTGCTGGCCGCCAGCAGCCTC
TACTTCCGCGACCTGTTCAGCGGCAACAGCAAGAGCGCCTTCGAGCTGCCCGGCTCCGTG
CCGCCCGCCTGCTTCCAGCAGATCCTGTCCTTCTGCTACACGGGCAGGCTCACCATGACG
GCCAGCGAGCAGCTCGTGGTCATGTACACGGCCGGCTTCCTGCAGATCCAGCACATCGTG
GAGCGCGGCACCGACCTCATGTTCAAGGTGAGCTCGCCCCACTGCGACTCGCAGACCGCT
GTGATCGAGGACGCCGGCTCCGAGCCCCAGAGCCCCTGCAACCAGCTGCAGCCGGCCGCC
GCCGCCGCGGCCCCCTACGTCGTGTCCCCCTCGGTGCCCATCCCGCTGCTGACCCGAGTA
AAGCATGAAGCCATGGAGCTGCCGCCGGCCGGCCCAGGCCTGGCCCCCAAGCGCCCGCTG
GAGACGGGGCCCCGGGACGGCGTGGCGGTGGCCGCGGGGGCTGCGGTGGCGGCGGGCACA
GCCCCTCTCAAACTGCCCCGTGTCTCCTACTACGGGGTGCCCAGCCTGGCCACCCTCATC
CCCGGCATCCAGCAGATGCCCTACCCCCAGGGGGAGCGGACCAGTCCAGGCGCCAGCAGC
CTGCCCACCACCGACAGCCCCACCTCGTACCACAACGAGGAGGACGAGGAGGACGACGAG
GCCTACGACACCATGGTGGAGGAGCAGTACGGCCAGATGTACATCAAGGCCTCCGGCAGC
TATGCAGTGCAAGAGAAGCCTGAGCCAGTGCCGCTGGAGAGCCGCTCCTGCGTCCTCATC
CGCCGCGACCTCGTGGCCCTACCTGCCAGCCTCATCAGCCAGATCGGATACCGCTGCCAT
CCCAAGCTCTACTCGGAAGGGGACCCCGGGGAGAAGCTGGAGCTGGTGGCAGGCTCTGGG
GTCTACATCACACGCGGCCAGCTGATGAACTGCCACCTGTGTGCAGGGGTGAAGCATAAG
GTCTTGCTGCGGAGGCTCCTGGCCACCTTCTTTGACAGGAACACGCTGGCCAACAGCTGC
GGGACTGGCATCCGCTCGTCCACCAGCGACCCCAGCCGGAAGCCGCTGGACAGCCGGGTC
CTGAACGCTGTGAAATTGTACTGTCAGAACTTCGCCCCCAGCTTCAAGGAGAGCGAGATG
AACGTGATCGCCGCGGACATGTGCACCAACGCCCGCCGCGTTCGCAAGCGCTGGCTGCCC
AAGATCAAGTCCATGCTGCCGGAGGGCGTGGAGATGTACCGCACGGTCATGGGCTCCGCC
GCCGCCAGCGTGCCCCTCGACCCCGAGTTCCCGCCTGCCGCGGCACAGGTGTTCGAGCAA
CGCATCTACGCCGAGCGGCGGGGCGACGCCGCCACCATCGTGGCTCTGAGAACTGACGCC
GTGAATGTTGACCTGAGTGCCGCCGCCAACCCCGCCTTCGACGCCGGCGAGGAGGTGGAC
GGGGCTGGCTCGGTCATCCAGGAGGTGGCCGCCCCCGAGCCGCTGCCCGCCGATGGCCAG
AGCCCCCCACAGCCCTTTGAGCAGGGCGGGGGCGGCCCCAGCAGGCCCCAGACGCCGGCG
GCCGCGGCCCGGAGGCCGGAGGGCACCTATGCAGGGACCTTGTAAGCGGAGCTGGGTGGC
TGCGCGAGGGACCGAGTACTAGAGCTGCTTGCATGCGTTACTAATACAAACAAATGTGAT
CAAGCCACTTACCTACTGAACTGCTACTGTTGCCTGAGAAAAATGTGATTTTTATTCTGC
TTGTATTTAAAATTGATGAAGGAAAAAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites: Please inquire

ACCN: NM_144653

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).

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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_144653.3, NP_653254.1
RefSeq Size:	2103 bp
RefSeq ORF:	1764 bp
Locus ID:	138151
UniProt ID:	Q96BF6
Cytogenetics:	9q34.3
Domains:	BTB
Gene Summary:	Functions as a transcriptional repressor through its association with the NuRD complex. Recruits the NuRD complex to the promoter of MDM2, leading to the repression of MDM2 transcription and subsequent stability of p53/TP53.[UniProtKB/Swiss-Prot Function]

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