

Product datasheet for **RC238437**

BTBD15 (ZBTB44) (NM_001301099) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BTBD15 (ZBTB44) (NM_001301099) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BTBD15
Synonyms:	BTBD15; HSPC063; ZNF851
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC238437 representing NM_001301099
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGTGTGAAAACATTTACTCATAGCTCCTCTCCACAGCCAGGAAATGCTTGAAAGCTAAATATGC
 TGC AAAATGATGGACATTTTGTGATATCACTATTCGTGTCCAGGACAAAATCTTCGGGCACATAAGGT
 GGTACTAGCAGCTTGCACTGATTCTTTTCGCACAACTTGTAGGCCAAGCCGAGGATGAGAACAAAGAT
 GTGTTGGATCTGCATCATGTTACAGTGAAGTGGCTTTATACCTCTTTAGAATATGCTTACACAGCCACTC
 TATCAATTAACACAGAAAATATTATTGATGTTCTAGCAGCAGCCAGCTATATGCAATGTTCACTGTTGC
 CAGCACCTGCTCAGAGTTCATGAAATCAAGCATTTTATGGAATACACCAACAGCCAACCTGAAAAGGT
 CTAGATGCTGGACAAGAAAATAATTCTAACTGCAATTTTACTTCTCGAGATGGGAGCATTTCTCCCGTGT
 CCTCAGAGTGCAGTGTGGTAGAAAGAACCATTCCTGTCTGCCGAGAATCCCGAGAAAGCGCAAAAGCTA
 CATTGTTATGTCTCCTGAAAGTCTGTAAAGTGTGGCACACAAACAAGCTCACCCAGGTATTGAATTCT
 TCAGCTTCCTACTCAGAAAATAGAAACCAACCAGTTGACTCTTCCTTAGCTTTTCTTGGAATTTCTCTT
 TTGGAATTGATCGAAGGATTGAGCTGAGAAAAGTTAAGCAAGCAGAAAATACCCGGAATTTAGAATTACC
 TGGCCCATCTGAGACCGGTAGAAGAATGGCTGATTATGTGACTTGTGAGAGCACAAAACTACCTTGCT
 TTAGGTACCGAAGAAGATGTCCGGGTCAAAGTAGAAAGATTAAGTGATGAGGAGGTCCATGAGGAAGTGT
 CCCAGCCTGTCACTGCATCTCAGAGTTCGCTGAGTGATCAGCAGACAGTTCAGGAAGTGAACAAGTCCA
 AGAGGACCTTCTGATTAGTCCACAGTCTTCTCTATAGGCTCAGTAGATGAAGGCGTTTCTGAGGCGTTG
 CCTACACTTCAAAGCACGTCTAGCACTAATGCTCCTCCGATGATGATGATCGATTGGAAAATGTTCACT
 ATCCCTACCACTCTACATTGCTCCTTCCACAGCAGTACAGAGCGACCAAGTCCAAATGGTCCCGACAG
 ACCTTTTCAGTGTCCAACCTGCGGGGTGCGATTACCCGTATTACAGAACCTAAAGCAGCACATGCTCATC
 CACTCAGGAATTAACCATTTTCACTGTGACCGCTGTGGGAAAAAGTTACCCAGGGCTTACTCGCTAAAGA
 TGCATCGCTAAAGCATGAAGTACCACTCCAAAGGCAAGGAACCATGATTGACAACAGTCAAGCTGTGGA
 TGAATGACCAGGAACGGAGAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238437 representing NM_001301099
 Red=Cloning site Green=Tags(s)

MGVKTFTHSSSSHSQEMLGKLNMLRNDGHFCDITIRVQDKIFRAHKVLAACSDFFRTKLVGQAEDENKN
 VLDLHHVTVTGFIPLLEYAYTATLSINTENIIDVLAASYMQMFSVASTCSEFMKSSILWNTPN SQPEKG
 LDAGQENNSNCNFTSRDGSISPVSSECSVVERTIPVCRESRRKRKSYIVMSPESPVKCGTQTSSPQVLNS
 SASYSENRNQPVDSLAFPWTFPFIDRRIQPEKVKQAENTRTLELPGPSETGRRMADYVTCESKTTLP
 LGTEEDVRVKVERLSDEEVHEEVSPVSASQSSLSDDQTVPGSEQVQEDLLIS PQSSSIGSVDEGVSEGL
 PTLQSTSTNAPPDDDRLENVQYPYQLYIAPSTSSTERPSNPGPDRPFQCPCTCGVRFTRIQLKQHMLI
 HSGIKPFQCDRCGKFFTRAYSLKMHRLKHEVPLQRQGT MIDNSQAVDEMTRNGE

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001301099

ORF Size: 1422 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001301099.1](#), [NP_001288028.1](#)

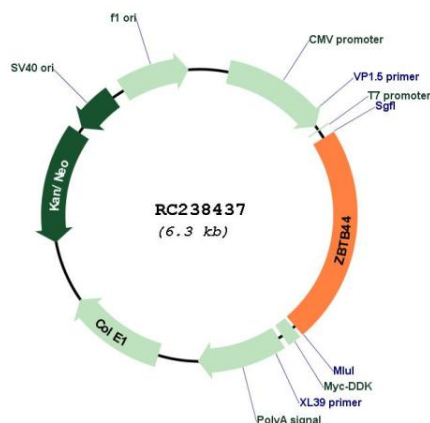
RefSeq Size: 6868 bp

RefSeq ORF: 1425 bp

Locus ID: 29068

UniProt ID: Q8NCP5
 Cytogenetics: 11q24.3
 MW: 53.2 kDa
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC238437