

Product datasheet for **RG238437**

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:	TurboGFP
Symbol:	BTBD15
Synonyms:	BTBD15; HSPC063; ZNF851
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG238437 representing NM_001301099. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTGTGAAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGTGTGAAAACATTTACTCATAGCTCCTCTCCACAGCCAGGAAATGCTTGAAAGCTAAATATG
CTGCGAAATGATGGACATTTTTGTGATCACTATTCGTGTCCAGGACAAAATCTCCGGGCACATAAG
GTGGTACTAGCAGCTTGCAGTGATTTCTTTCGCACAACTTGTAGGCCAAGCCGAGGATGAGAACAAG
AATGTGTTGGATCTGCATCATGTTACAGTGACTGGCTTTATACCTCTTTAGAATATGCTTACACAGCC
ACTCTATCAATTAACACAGAAAATATTATTGATGTTCTAGCAGCAGCCAGCTATATGCAAAATGTTCACT
GTTGCCAGCACCTGCTCAGAGTTCATGAAATCAAGCATTTTATGGAATACACCAACAGCCAACCTGAA
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CCCGTGTCTCAGAGTGCAGTGTGGTAGAAGAACCATTCTGTCTGCCGAGAATCCCGGAGAAAGCGC
AAAAGCTACATTGTTATGTCTCCTGAAAGTCTGTAAAGTGTGGCACACAAAAGCTCACCCAGGTA
TTGAATTTCTCAGCTTCTACTCAGAAAATAGAAACCAACAGTTGACTTCTCTTAGCTTTTCTTGG
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CATGAGGAAGTGTCCAGCCTGTCAGTGCATCTCAGAGTTCGCTGAGTGATCAGCAGCAGTTCCAGGA
AGTGAACAAGTCCAAGAGGACCTTCTGATTAGTCCACAGTCTTCTCTATAGGCTCAGTAGATGAAGGC
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TTGAAAAATGTTCAAGTATCCCTACCAACTCTACATTGCTCCTCCACCAGCAGTACAGAGCGACCAAGT
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AAGCAGCACATGCTCATCCACTCAGGAATTAACCATTTCAAGTGTGACCGCTGTGGGAAAAAGTTACC
AGGGCTTACTCGTAAAGATGCATCGCCTAAAGCATGAAGTACCCTCAAAGGCAAGGAACCATGATT
GACAACAGTCAAGCTGTGGATGAAATGACCAGGAACGGAGAA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG238437
 Blue=ORF Red=Cloning site Green=Tag(s)

MGVKTFTHSSSSHSQEMLGKLNMLRNDGHFCDITIRVQDKIFRAHKVVLAAACSDFFRKL VGQAEDENK
 NVLDLHHVTVTGFIPLL EYATL SINTENI IDVLAASVMQMF SVASTCSEFMKSSILWNT PNSSQPE
 KGLDAGQENNSNCNFTSRDGSISPVSSECSVERTIPVCRESRKRKSYIVMSPESPVKCGTQTSSPQV
 LNSSASYSENRNQPVDSLAFPWTFPFGIDRRIQPEKVKQAENTRTLELPGPSETGRRMADYVTCES TK
 TTLPLGTEEDVRVKVERLSDEEVHEEVSQPVSASQSSLSDQQTVPGSEQVQEDLLISPQSSSIGSVDEG
 VSEGLPTLQSTSTNAPPDDDDRENVQYPYQLYIAPSTSSTERPSPNGPDRPFQCPCTCGVRFTRIQLN
 KQHMLIHSGIKPFQCDRCGKKFTRAYSLKMHLKHEVPLQRQGT MIDNSQAVDEMTRNGE
TRTRPLEMESDESGLPAMEIECRITGLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001301099

ORF Size: 1422 bp

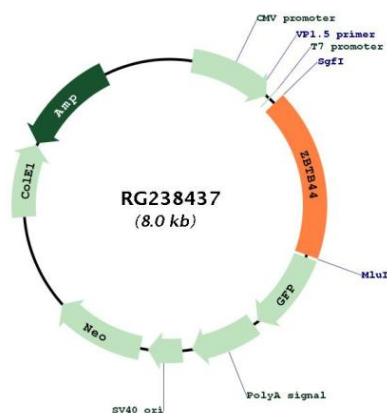
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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).

RefSeq: [NM_001301099.1](#), [NP_001288028.1](#)

RefSeq Size:	6868 bp
RefSeq ORF:	1425 bp
Locus ID:	29068
UniProt ID:	<u>Q8NCP5</u>
Cytogenetics:	11q24.3
MW:	53.2 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:


Circular map for RG238437