

Product datasheet for **RG238933**

BTBD15 (ZBTB44) (NM_001301098) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BTBD15 (ZBTB44) (NM_001301098) 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)



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ORF Nucleotide Sequence:

>RG238933 representing NM_001301098.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGGTGTGAAAAATTTACTCATAGCTCCTCTCCACAGCCAGGAAATGCTTGAAAGCTAAATATG
TGCGAAATGATGGACATTTTTGTGATACACTATTCGTGTCCAGGACAAAATCTCCGGGCACATAAG
GTGGTACTAGCAGCTTGCACTGATTTCTTTCGCACCAAACCTTGTAGGCCAAGCCGAGGATGAGAACAAG
AATGTGTTGGATCTGCATCATGTTACAGTGACTGGCTTTATACCTCTTTTAGAATATGCTTACACAGCC
ACTCTATCAATTAACACAGAAAATATTATTGATGTTCTAGCAGCAGCCAGCTATATGCAAAATGTTCACT
GTTGCCAGCACCTGCTCAGAGTTCATGAAATCAAGCATTTTATGGAATACACCCAACAGCCAACCTGAA
AAGGGTCTAGATGCTGGACAAGAAAATAATTCTAACTGCAATTTACTTCTCGAGATGGGAGCATTCTCT
CCCGTGTCTCAGAGTGCAGTGTGGTAGAAGAACCATTCTGTCTGCCGAGAATCCCGGAGAAAGCGC
AAAAGCTACATTGTTATGTCTCCTGAAAGTCTGTAAAGTGTGGCACACAAAACAGCTCACCCAGGTA
TTGAATCTTTCAGCTTCTACTCAGAAAATAGAAACCAACCAGTTGACTTCTCTTAGCTTTTCTTGG
ACTTTTCTTTTGGAAATGATCGAAGGATTCAGCCTGAGAAAAGTTAAGCAAGCAGAAAATACCCGGACT
TTAGAATTACCTGGCCATCTGAGACCGGTAGAAGAATGGCTGATTATGTGACTTGTGAGAGCACAAAA
ACTACCTTGCCCTTTAGGTACCGAAGAAGATGTCGGGTCAAAGTAGAAAGATTAAGTGTGAGGAGGTC
CATGAGGAAGTGTCCAGCCTGTGAGTGCATCTCAGAGTTCGCTGAGTGTACAGCAGACAGTTCCAGGA
AGTGAACAAGTCCAAGAGGACCTTCTGATTAGTCCACAGTCTTCTCTATAGGCTCAGTAGATGAAGGC
GTTTCTGAGGGCTTGCCTACACTTCAAAGCAGTCTAGCACTAATGCTCCTCCGGATGATGATGATCGA
TTGGAAAATGTTCAAGTATCCCTACCAACTCTACATTGCTCCTCCACCAGCAGTACAGAGCGACCAAGT
CCAAATGGTCCCAGACAGACCTTTTCAAGTGTCCAACCTGCCGGGTGCGGATTCACCCGATTCAGAACCTA
AAGCAGCACATGCTCATCCACTCAGGAATTAACCACTTTCAAGTGTGACCGCTGTGGGAAAAAGTTACC
AGGGCTTACTCGCTAAAGATGCATCGCCTAAAGCATGAAGGTAACGCTGTTTCCGGTGCCAGATATGT
AGTGCCACTTTCCTTTCCTTCCGGGAATATAAACACCACATGAGGGTTTCCCGGCACATTATCCGCAAG
CCTCGGATTTACGAGTGCAAAACATGTGGCGCCATGTTCCACCAACTCTGGAAATTTAATCGTGCACCTG
AGGAGTCTGAACCATGAAGCATCAGAGCTAGCAAACACTTCCAGAGCAGTATTCTAGTACCCGGAC
TACTTAAACCAGGAACAAGAAGAGACCCTTGTTCATATGATCTTGAGAACACGGTTTTGAAAGCAAC
TCCTCTGTTCAAATGCCTGTCTTTACAGTACCCTCAAAGGCAAGGAACCA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence:

>Peptide sequence encoded by RG238933
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MGVKFTFHSSSSHSQEMLGKLNMLRNDGHFCDITIRVQDKIFRAHKVVLAAACSDFFRTRLVGQAEDENK
NVLDLHHVTVTGFIPLEAYATLSINTENIIDVLAASVMQMFVASTCSEFMKSSILWNTPNSSQPE
KGLDAGQENNSNCFNFSRDGSI SPVSSECSVVERTIPVCRESRKRKSYIVMSPEPVCQGTQTSPPQV
LNSSASYSENRNQPVDSLAFWPFPFGIDRRIQPEKVKQAENTRTLELPGPSETGRRMADYVTCSTK
TTLPLGTEEDVRVKVERLSDEEVHEEVSQPVSAQSSLSQQQTVPGSEQVQEDLLISPQSSSIGSVDEG
VSEGLPTLQSTSTNAPPDDDRLEENVQYQYQYIAPSTSSTERPSNPGPDRPFQCPCTGVRFTRIQNL
KQHMLIHSGIKPFQCDRCGKFFTRAYSLKMHRLKHEGKRCFRQCISATFTSFGEYKHHMRVSRHIIRK
PRIYECKTCGAMFTNSGNLIVHLRSLNHEASELANYFQSSDFLVPDYLNQEQEETLVQYDLGEHGFESN
SSVQMPVISQYHSGKKEP
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSSHMFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001301098

ORF Size: 1710 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_001301098.2](#)

RefSeq Size: 7203 bp

RefSeq ORF: 1713 bp

Locus ID: 29068

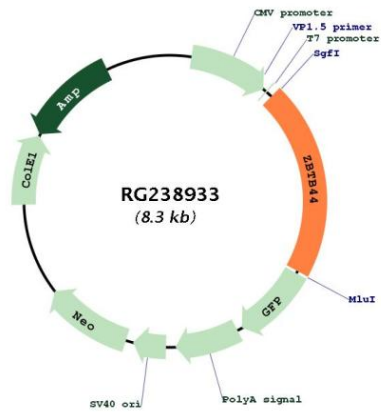
UniProt ID: [Q8NCP5](#)

Cytogenetics: 11q24.3

MW: 64.3 kDa

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG238933