

Product datasheet for **RG215602**

BTBD11 (NM_001017523) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BTBD11 (NM_001017523) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	BTBD11
Synonyms:	ABTB2B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG215602 representing NM_001017523
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGGAAACTGAGGCCAAGGATTCCAGAGAGCCTGCCCGGGTACCAGGTGCGGTCCGGATGTCTCC
 AAAGGCTCTCCACTACTCTGGAATTCAGAGGCCCTTCTCGTGTGCCGCCGCTGATGGAGTGGATCCG
 GGTGGCCGTGGCGCACGCCGCCACCGCCGAGCTTCTCCATGGACAGCGACGACTCCGCCAGGCGGCC
 CGGCTGTCTGCCCGCGTGGACTGCGAGCCGCCAGCTCAGGGCCGACGACTGCTTTTGTGCATCTC
 GAAAGCTGGATGCGGTGGCCATCGAAGCCAAGTTAAGCAGGACCTGGTTCGCGATGTGAACGTGG
 ACGAACAGACCTGGTGAAGCAGGAGTGTCTCTGCTGGGCCCCGATGGGATCAACACCATGAGCGAACAG
 GGCATGACTCCCCTGATGTATGCCTGCTCCGTGGGACGAGGCGATGGTTCAGATGCTGCTGGATGCCG
 GAGCTGACTGAATGTGGAGTTGTGACTACTCCTATAAATATCCATCCGTCCACCCCGAGACCCGCCA
 TTGGACGGCTCTGACTTTTGTGTGTTGCATGGACATATTCCTGTAGTTCAGCTCCTCTGGATGCTGGG
 GCCAAGGTGGAAGGCTCAGTGGAGCATGGCGAGGAGAAGTACTCGAAACACCCCTCCAGCTGGCAGCTG
 CTGTAGGAAATTTGAGCTGGTTAGTTTGTGTTGGAGCGTGGTCCCGATCCCCTGATAGGAACCATGTA
 CAGGAATGGAATTTTACAACCCCCAGGGTATGAACTCTTTCAGCCAGGCTGCAGCCCACGGACAC
 AGGAATGTGTTCCGAAACTGCTCGCCAGCCAGAGAAGGAGAAGAGTATACCTGTCCCTGGAGGAGA
 TTCTGGCCGAGGGGACTGACCTGGCGGAGACAGCCCCGCCCTTGTGCGCCAGCCGAACAGCAAAGGC
 CAAACTGAGGGCCCTGAGGGAGGCCATGTATCACAGCGCTGAGCATGGCTACGTGGATGTCAAAATTGAT
 ATCAGGAGCATAGGCGTCCCGTGGACTCTGCACACGTGGCTGGAGTCTTTCGGGATCGCCTTCCAGCAGC
 ACCCGAGGCCTCTATCCAGTCTTGTAAAGGAGTTTAAAGCATTTCAGGAGGAGGAATACACGGAGGA
 GCTCGTTACCCAAGCCCTGCCCTGATGTTTGGATCCTGAAAGCGAGCAAGAATGAAGTATCAGCCAG
 CAGCTGTGCGTCACTTTCACACACTGCTACGGCCCTACCCCATCCCAAGCTCACAGAAATCAAACGGA
 AACAGACCTCGCGCTTGGATCCTCATTTTCTTAACAATAAAGAAATGTCTGATGTTACATTTCTGGTAGA
 AGGAAGACCATTTTATGCTCACAAAGTGTGTTATTTACAGCCTCTCAAGGTTCAAAGCACTCCTCTCC
 AGCAAGCCGACAAATGATGGCACCTGCATAGAGATTGGTTATGTGAAATACTCCATCTTTCAGCTGGTTA
 TGCAGTATCTACTATGGTGGCCAGAGTCACTGCTCATTAAAAACAATGAGATCATGGAGCTTCTGTC
 TGCTGCTAAGTTTTTCCAGCTGGAGCTTTCAGCGACACTGTGAGATTATCTGTGCGAAAAGCATCAAT
 ACCGACAATGTGTGGATATTTACAACCATGCCAAGTTTCTTGGAGTACAGAGCTCTCAGCATATTGCG
 AAGGCTACTTTCTCAAAAACATGATGGTCTCATTGAAAACGAAGCATTCAAGCAGCTCCTGTATGACAA
 AAATGGTGAAGGGACCGCCAGGATGTGCTCCAGGACTTACAGAGGACGTTGGCCATCAGAATTCAGTCC
 ATCCACTGTGCTCTTCCAAAGTTCCGTGGTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG215602 representing NM_001017523
 Red=Cloning site Green=Tags(s)

MRKLRPKDSREPAPGSPVRSGLQRLSHYSGIQRPFLLVPLMEWIRVAVAHAGHRRSFSMSDDVVRQAA
 RLLLPVDCEPRQLRADDCCASRKLDAVAIEAKFKQDLGFRMLNCGRTDLVKQAVSLLGPDGINTMSEQ
 GMTPLMYACVRGDEAMVQMLLDAGADLNVEVVSTPHKYPVHPETRHWTALTFVAVLHGHIPVVQLLLDAG
 AKVEGSVEHGEENYSETPLQLAAAVGNFELVSLLLERGAADPLIGTMYRNGISTTPQGMNSFSQAAAHH
 RNVFRKLLAQPEKEKSDILSLEEILAEGTDLAETAPPPLCASRNSKAKLRALREAMYHSAEHGYVDVTID
 IRSIGVPWTLHTWLESLRIAFQQRHRRPLIQCLLKEFKTIQEEYEELVTQGLPLMFEILKASKNEVISQ
 QLCVIFTHCYGPYPKPKTEIKRKQTSRLDPHFLNNKEMSDVTFVVEGRPFYAHKVLFTASPRFKALLS
 SKPTNDGTICIEIGYVKYSIFQLVMQYLYYGGPESLLIKNNEIMELL SAAKFFQLEALQRHCEIICAKSIN
 TDNCVDIYNHAKFLGVTEL SAYCEGYFLKNMMLIENEAFKQLLYDKNGEGTGDVLDLQRTLAIRIQS
 IHLSSSKGSVV

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



ACCN: NM_001017523

ORF Size: 1923 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.

RefSeq: [NM_001017523.2](#)

RefSeq Size: 3900 bp

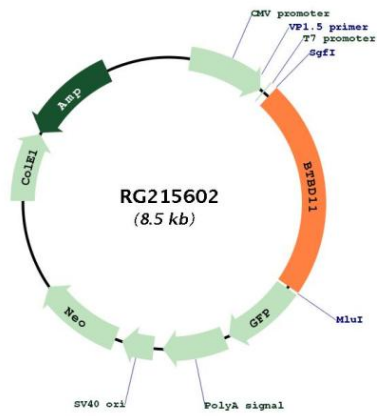
RefSeq ORF: 1926 bp

Locus ID: 121551

UniProt ID: [A6QL63](#)

Cytogenetics: 12q23.3

Product images:



Circular map for RG215602