

## Product datasheet for **MG214969**

### **Btbd35f2 (NM\_001168334) Mouse Tagged ORF Clone**

#### **Product data:**

<b>Product Type:</b>	Expression Plasmids
<b>Tag:</b>	TurboGFP
<b>Symbol:</b>	Btbd35f2
<b>Synonyms:</b>	100040482; Gm2799
<b>Mammalian Cell Selection:</b>	Neomycin
<b>Vector:</b>	pCMV6-AC-GFP (PS100010)
<b>E. coli Selection:</b>	Ampicillin (100 ug/mL)



**ORF Nucleotide Sequence:** >MG214969 representing NM\_001168334  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGGGCTTTTAGTCAGCAGGGTCTTGAGATGCAGGGATTCCAGTCTGTTAGAGCCACAGCCAGAAGCCA  
 TAGCCGGAGCCAGCTACATTCTGGCAGTCGCAAGCTAAAAAGAAACAGTTTGGAGGAGTTGGCAACAAG  
 TTCTAATGTTTCATGGACCTCAAACCAGGGGAATGTATCCACATCAAGTTCTCAACTACATCTACTGGAAA  
 AGGGTTAAGATCTCATCTAATGATGCTTACAAAACCTATTTTTGGACGGGCATGATAGCCACATTAATA  
 TCCGTGCTCTGGGAAAAACATGGTGTTCACAAAAGTATTTTTATGTCAGTCAGGCTACTTTGCTAACAT  
 TCTCAAAGGTACTTGGAGAGAATCACACCAATGGTGTATAAAATCTGATCATTAAAGAATGAGGATATTGAT  
 ACCCGATCTCTGCATTTTGTGTTGGTGTCTTGTATACGGATGCGGATTTGTCAATAACACCTCTGGAAG  
 TTCTCAAGTTTTGGCAGCAGCATGCCTGCTTCGGGTGGATCGAGTAATTCAGCAGTGTGAAGGAATCAT  
 GAAAGAAATCAACAGGAACACTGTGTGCTCCTATTATTGGCAGCAGAAACCTATAGATTAAGAGCT  
 GTAAAGACGAGATGCTTTGAATGGCTTCTTGCATTTGATGGTACATCCAAGTGTGGCACTTTACAAGG  
 AAGTAGACTTGAAGTTGATGTATCTTCTAGCACTGTCTTCTGACTTACTAGTCATGCAAAAGGAGATTGA  
 TGTATATACCACACTAAAAATATGGATGTTCTTTATCTTAATCCATGCTGGAACGGAACCATGAAACAG  
 CTTTTACAACAGCAAAACACTGGCTTTCCACCACATGGCATATGTTGATAACATCAGTTTTCTTGAAA  
 GTGAAGAAGGACTAATATTTCAACCAGTGTAAAAAGCTGAGATTTAGCAGCATTATCTGTGACTTGAC  
 TTCCACAACACTATTCTGAACAAGATCGACTAATACCTATGGCATGGTTGTCACCCATTTACAACAACAG  
 TGGTTGACTTTGCTGCAACACAAGAATATGGGGTAATTGGACCACAAGTTATCAATGAACAAGAAGCTTG  
 AAGAATGCACCATGAGGTGGTACAATGATCCCAAGGATGGAAGATACTTGAAGTGGTCAGTTGG  
 ACGACTTGGCTTTCTTTACGTGTGACCTTACCAGGCAGTGTGTAATTTAAGGCAACGGTGTGAGAGG  
 TGTGATGGTTCTGCTTGCACAAACATATCCGAAATGTCATATTCAGAATAACTTTGGTGTGTTTTGATT  
 CCAACAAAAGAGTAACCTTTCAGAAAGACAACAGGTTATAAAATCCTCACCTTTGAATATAAGGAGGAGCA  
 AATTGTAATGAAATGGATAGTGTCTAACCTCCCTATGTGTATATTCTGCAATTTCTTTTTGTGTA  
 AACCTAGGAAATGCAGAAAACAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG214969 representing NM\_001168334  
 Red=Cloning site Green=Tags(s)

MGLVSRVLRCDSSLLPEAIAGASYIPGSRKLRNSLEELATSSNVHGPQNQGMYPHQVNLNYIYWK  
 RVKISSNDAYQNLFLDGHDSHIKIRALGKTWCLHKVFLCQSGYFANILKGTWRESHHGVINLIKNEIDID  
 TRSLHFVFGALYTDADLSITPLEVVPVLAACLRLRVDRIQQCEGIMKETINRNTVCSSYYLAAETVRLKA  
 VKTRCFEWLLCNLMVHPSVALYKEVDLKLMYLLALSSDLLVMQKEIDVYTTLKIWMFLYLNPCWNGTMKQ  
 LLQHANNWLSHMAVVDNISFLESEEGLIFQPVFKLRFQHIICDLTSTTILEQDRLIPMAWLSPIYKQQ  
 WLTLRLTQEVGVIQVINEQELECTMRCGTMIKPDGRYTWKWSVGRGFLRVTFTRQCIVLRQRCQR  
 CDGSACHNHIRNVIFRITLVCFDSNKRVTFRKTTGKILTFEYKEEQIVMKLDSVDLTFPMCIFCNFLFV  
 NLGNAENK

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**


**ACCN:** NM\_001168334

**ORF Size:** 1494 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.

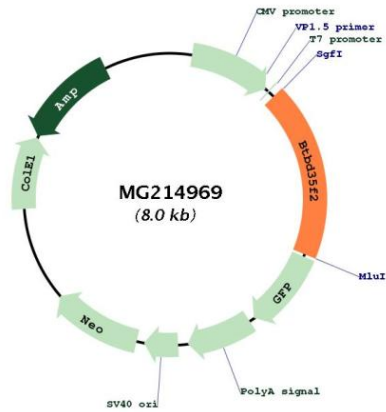
**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_001168334.1](#), [NP\\_001161806.1](#)

**RefSeq Size:** 1949 bp

RefSeq ORF: 1497 bp  
 Locus ID: 100040482  
 Cytogenetics: X

**Product images:**



Circular map for MG214969