

Product datasheet for **MR213069**

Btbd35f10 (NM_001085552) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Btbd35f10 (NM_001085552) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Btbd35f10
Synonyms:	Gm14351; OTTMUSG00000016411
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR213069 representing NM_001085552
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGCTTTTAGTCAGCAGGGTCTTGAGATGCAGGGATTCCAGTCTGTTAGAGCCACAGCCAGAAGCCA
 TAGCCGGAGCCAGCTACATTCTGGCAGTCGCAAGCGAAAAAGAAACAGTTTGGAGGAGTTGGCAACAAG
 TTCTAATGTTTCATGGACCTCAAAACCAGGGAATGTATCCACATCAAGTTCTCAACTACATCTACTGAAA
 AGGGTTAAGATCTCATCTAATGATGCTTATCAAACTTATTTTTGGACGGGCATGATAGCGACATTA
 TCCATGCTCTGGAAAAACATGGTGTACACAAAGTATTTTTATGTCAGTCAGGCTACTTTGCTAACAT
 TCTCAAAGGTAAGTGGAGAGAATCACACCATGGTGTATAAATCTGATCATTAAAGATGAGGATATTGAT
 ACCCGATCTCGCATTTTGTGTTGGTGTGTTGACACGGATCGGATTTGTCAATAACACCTCTGGAAG
 TTCTCAAGTTTGGCAGCAGCATGCCTGCTTCGGGTGGATCGAGTAATTCAGCAGTGTGAAGGAATCAT
 GAAAGAACTATCAACAGGAACACTGTGTCTCTATTATTTGGCAGCAGAACTATAGATTAAGAGCT
 GTAAGAGCGAGATGCTTTGAATGGCTTCTTTGCAATTTGATGGTACATCCAAGTGTGGCACTTTACAAGG
 AAGTAGACTTGAAGTTGATGTATCTTAGCACTGTCTTCTGACTTACTAGTCATGCAAAAAGGAGATTGA
 TGTATATACCACACTAAAAATATGGATGTTCTTTATCTTAATCCATGCTGGAACGGAACCATGAAACAG
 CTTTTACAACACGCAAACTGGCTTTCCACCCACATGGCATATGTTGATAACATCAGTTTTCTTGAAA
 GTGAAGAAGGACTAATATTTCAACCAAGTGTAAAAAGCTGAGATTTGAGCAGTATCTGTGACTTGAC
 TTCCACAATATCTTGAACAAGATCGACTAATACCTATGGCATGGTTGTCACCCATTTACAACAACAG
 TGGTTGACTTTGCTGCGAACACAAGAATATGGGTAATGGACCACAAGTATCAATGAACAAGAAGTTG
 AAGAATGCACCATGAGGTGTGGTACAATGATCCCAAGGATGGAAGATATACTTGAAGTGGTCAAGTTGG
 ACGACTTGGCTTTCTTTACGTGTGACCTTTACCAGGCAGTGTGTAATTTAAGGCAACGGTGTGAGAGG
 TGTGATGGTTCTGCTTGCACAACCATATCCGAAATGTCATATTCAGAATAACTTTGGTGTGTTTTGATT
 CCAACAAAAGAGTAACTTTAGAAAAGACAACAGGTTATAAAATCCTCACCTTTGAATATAAGGAGGAGCA
 AATTGTAATGAAATTGGATAGTATGTTCTAACCTTCCCTATGTGATATTTCTGCAATTTCTTTTTGTA
 AACCTAGGAAATGCAGAAAAAAG

ACGGTACGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR213069 representing NM_001085552
 Red=Cloning site Green=Tags(s)

MGLLVSRVLRCDSSLLEPQPEAIAGASYIPGSRKRKRNSLEELATSSNVHGPQNQGMYPHQVLYNYIYWK
 RVKISSNDAYQNLFLDGHSDIKIHALGKRWCLHKVFLCQSGYFANILKGTWRESHHGVINLIIKNEDID
 TRSLHFVFGALYTDADLSITPLEVPQVLAACLRLVDRVIQQCEGIMKETINRNTVCSYLLAAETRYLKA
 YKTRCFEWLLCNLMVHPSVALYKEVDLKLMYLLALSSDLLVMQKEIDVYTTLKIWMFLYLNPCWNGTMKQ
 LLQHANNWLSTHMAYVDNISFLESEGLIFQPVKKLRQHIICDLTSTTILEQDRLIPMAWLSPIYKQQ
 WLTLLRTQEYGVIGPQVINEQELECTMRCGTMIPKDGRTWKWSVGRGFLRVTFTRQCVILRQRCQR
 CDGSACHNHIRNVIFRITLVCFDSNKRVTFRKTTGYKILTFEYKEEQIVMKLDSVDLTFPMCIFCNFLFV
 NLGNAENK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9087_h05.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001085552

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.

RefSeq: [NM_001085552.2](#), [NP_001079021.1](#)

RefSeq Size: 1955 bp

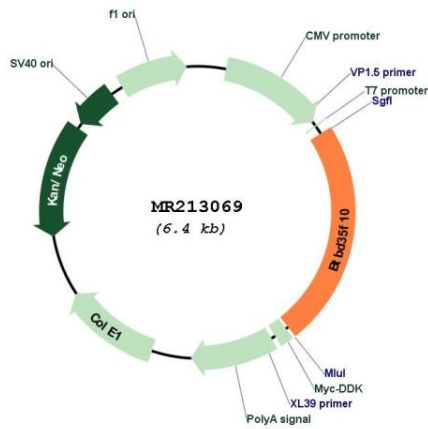
RefSeq ORF: 1497 bp

Locus ID: 668960

Cytogenetics: X A1.1

MW: 57.8 kDa

Product images:



Circular map for MR213069