

Product datasheet for **MR213065**

Btbd35f11 (NM_001085551) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Btbd35f11 (NM_001085551) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Btbd35f11
Synonyms:	Gm14346; OTTMUSG00000016406
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR213065 representing NM_001085551
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGGCTTTTAGTCAGCAGGGTCTTGAGATGCAGGGATTCCAGTCTGTTAGAGCCACAGCCAGAAGCCA
 TAGCCGGAGCCAGCTACATTCTGGCAGTCGCAAGCGAAAAAGAAACAGTTTGGAGGAGTTGGCAACAAG
 TTCTAATGTTTCATGGACCTCAAAACCAGGGAATGTATCCACATCAAGTTCTCAACTACATCTACTGGAAA
 AGGGTTAAGATCTCATCTAATGATGCTTATCAAACTATTTTTGGACGGGCATGATAGCGACATTA
 TCCGTGCTCTGGAAAAACATGGTGTACACAAAGTATTTTTATGTCAGTCAGGCTACTTTGCTAACAT
 TCTCAAAGGTAAGTGGAGAGAATCACACCATGGTGTATAAATCTGATCATTAAAGATGAGGATATTGAT
 ACCCGATCTCTGCATTTTGTGTTGGTGTGTTGACACGGATGCGGATTTGTCAATAACACCTCTGGAAG
 TTCTCAAGTTTGGCAGCAGCATGCCTGCTTCGGGTGGATCGAGTAATTCAGCAGTGTGAAGGAATCAT
 GAAAGAACTATCAACAGGAACACTGTGTCTCTATTATTTGGCAGCAGAACTATAGATTAAGAGCT
 GTAAGAGCAGAGATGCTTTGAATGGCTTCTTTGCAATTTGATGGTACATCCAAGTGTGGCACTTTACAAGG
 AAGTAGACTTGAAGTTGATGTATCTTCTAGCACTGTCTTCTGACTTACTAGTCATGCAAAAAGGAGATTGA
 TGTATATACCACACTAAAAATATGGATGTTCTTTATCTTAATCCATGCTGGAACGGAACCATGAAACAG
 CTTTTACAACACGCAAACTGGCTTTCCACCCACATGGCATATGTTGATAACATCAGTTTTCTTGAAA
 GTGAAGAAGGACTAATATTTCAACCAAGTGTAAAAAGCTGAGATTTGAGCACATCATCTGTGACTTGAC
 TTCCACAATATCTTGAACAAGATCGACTAATACCTATGGCATGTTGTCACCCATTTACAACAACAG
 TGGTTGACTTTGCTGCGAACACAAGAATATGGGTAATGGACCACAAGTTATCAATGAACAAGAAGTTG
 AAGAATGCACCATGAGGTGTGGTACAATGATCCCAAGGATGGAAGATATACTTGAAGTGGTCAAGTTGG
 ACGACTTGGCTTTCTTTACGTGTGACCTTTACCAGGCAGTGTGTAATTTAAGGCAACGGTGTGAGAGG
 TGTGATGTTCTGCTTGCACAACCATATCCGAAATGTCATATTCAGAATAACTTTGGTGTGTTTTGATT
 CCAACAAAAGAGTAACTTTAGAAAAGACAACAGGTTATAAAATCCTCACCTTTGAATATAAGGAGGAGCA
 AATTGTAATGAAATTGGATAGTGATGTTCTAACCTTCCCTATGTGATATTTCTGCAATTTCTTTTTGTA
 AACCTAGGAAATGCAGAAAAAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR213065 representing NM_001085551
 Red=Cloning site Green=Tags(s)

MGLLVSRVLRCDSSLLEPQPEAIAGASYIPGSRKRKRNSLEELATSSNVHGPQNQGMYPHQVLYNYIYWK
 RVKISSNDAYQNLFLDGHSDIKIRALGKTWCLHKVFLCQSGYFANILKGTWRESHHGVINLIIKNEDID
 TRSLHFVFGALYTDADLSITPLEVPQVLAACLRLVDRVIQQCEGIMKETINRNTVCSYLLAAETRYLKA
 YKTRCFEYLLCNLMVHPSVALYKEVDLKLMYLLALSSDLLVMQKEIDVYTTLKIWMFLYLNPCWNGTMKQ
 LLQHANNWLSTHMAYVDNISFLESEGLIFQPVFKKLRFQHIICDLTSTTILEQDRLIPMAWLSPIYKQQ
 WLTLRLTQEYGVIGPQVINEQELEECTMRCGTMIPKDGRTWKWSVGRGFLRVTFTRQCVILRQRCQR
 CDGSACHNHIRNVIFRITLVCFDSNKRVTFRKTTGYKILTFEYKEEQIVMKLDSVDLTFPMCIFCNFLFV
 NLGNAENK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9087_h04.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001085551

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_001085551.1](#), [NP_001079020.1](#)

RefSeq Size: 1960 bp

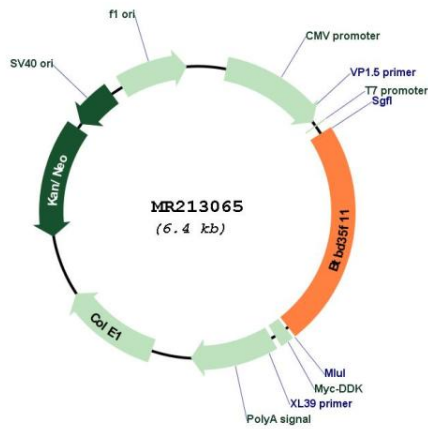
RefSeq ORF: 1497 bp

Locus ID: 668958

Cytogenetics: X A1.1

MW: 57.8 kDa

Product images:



Circular map for MR213065