

Product datasheet for **MR212281**

Btbd35f4 (NM_001099643) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Btbd35f4 (NM_001099643) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Btbd35f4
Synonyms:	100042254; Gm3750
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR212281 representing NM_001099643
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGCTTTTAGTCAGCAGGGTCTTGAGATGCAGGGATTCCAGTCTGTTAGAGCCACAGCCAGAAGCCA
 TAGCCGGAGCCAGCTACATTCTGGCAGTCGCAAGCGAAAAAGAAACAGTTTGGAGGAGTTGGCAACAAG
 TTCTAATGTTTCATGGACCTCAAAACCAGCGAATGTATCCACATCAAGTTCTCAACTACATCTACTGGAAA
 AGGGTTAAGATCTCATCTAATGATGCTTATCAAAACTATTTTTGGACGGGCATGATAGCGACATTA
 TCCGTGCTCTGGGAAAAACATGGTGTACACAAAGTATTTTTATGTCAGTCAGGCTACTTTGCTAACAT
 TCTCAAAGGTAAGTGGAGAGAATCACACCATGGTGTATAAATCTGATCATTAAAGAAATGATACCCGA
 TCTCTGCATTTGTGTTGGTGTGTACACGGATCGGATTTGTCAATAACACCTCTGGAAGTCTCTC
 AAGTTTTGGCAGCAGCATGCCTGCTTCGGGTGGATCGAGTAATTCAGCAGTGTGAAGGAATCATGAAAGA
 AACTATCAACAGGAACACTGTGTGCTCCTATTATTTGGCAGCAGAAACCTATAGATTAAGCAGTAAAG
 ACGAGATGCTTTGAATGGCTTCTTTGCAATTTGATGGTACATCCAAGTGTGGCACTTTACAAGGAAGTAG
 ACTTGAAGTTGATGTATCTTCTAGCACTGTCTTCTGACTTACTAGTCATGCAAAAAGGAGATTGATGTATA
 TACCACACTAAAAATATGGATGTTCTTTATCTTAATCCATGCTGGAACGGAACCATGAAACAGCTTTTA
 CAACACGCAAAACACTGGCTTTCCACCCACATGGCATA GTTGATAACATCAGTTTTCTTGAAAGTGAAG
 AAGGACTAATATTTCAACAGTGTAAAAAGCTGAGATTTGAGCACATCATCTGTGACTTGACTCCAC
 AACTATTTCTGAACAAGATCGACTAATACCTATGGCATGGTTGTCACCCATTTACAACAACAGTGGTTG
 ACTTTGCTGCGAACACAAGAATATGGGGTAATTTGGACCACAAGTATCAATGAACAAGAAGTGAAGAAT
 GCACCATGAGGTGTGGTACAATGATCCCCAAGGATGGAAGATATACTTGGAAAGTGGTGTGAGCAGT
 TGGCTTTCTTTACGTGTGACCTTTACCAGGCAGTGTGTAATTTAAGGCAACGGTGTGAGAGTGTGAT
 GGTCTGCTTGCACAACCATATCCGAAATGTCATATTGAGAATAACTTTGGTGTGTTTTGATTCCAACA
 AAAGAGTAACTTTAGAAAGACAACAGGTTATAAAATCCTCACCTTTGAATATAAGGAGGAGCAAATGT
 AATGAAATTGGATAGTGTGTTCAACCTTCCCTATGTGTATATTCTGCAATTTCTTTTGTAAACCTA
 GGAAATGCAGAAAAAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR212281 representing NM_001099643
 Red=Cloning site Green=Tags(s)

MGLLVSRVLRCDSSLLEPQPEAIAGASYIPGSRKRKRNSLEELATSSNVHGPQNQRMYPHQVNLNYIYWK
 RVKISSNDAYQNLFLDGHSDIKIRALGKRWCLHKVFLCQSGYFANILKGTWRESHHGVINLIIKNIDTR
 SLHFVFGALYTDADLSITPLEVPQVLAACLRLVDRVIQQCEGIMKETINRNTVCSYYLAAETYRLKAVK
 TRCFEWLLCNLMVHPSVALYKEVDLKLMYLLALSSDLLVMQKEIDVYTTLKIWMFLYLNPCWNGTMKQLL
 QHANNWLSTHMAYVDNISFLESEGLIFQPVFKLRFQHIICDLTSTTILEQDRLIPMAWLSPIYKQQWL
 TLLRTQEYGVIGPQVINEQELECTMRCGTMIPKDGRTWKWSVGRLGFPLRVTFTRQCIVLRQCRCRCD
 GSACHNHIRNVIFRITLVCFDSNKRVTFRKTTGYKILTFEYKEEQIVMKLDSVDLTFPMCIFCNFLFVNL
 GNAENK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9088_c08.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001099643

ORF Size: 1488 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_001099643.2](#), [NP_001093113.1](#)

RefSeq Size: 1949 bp

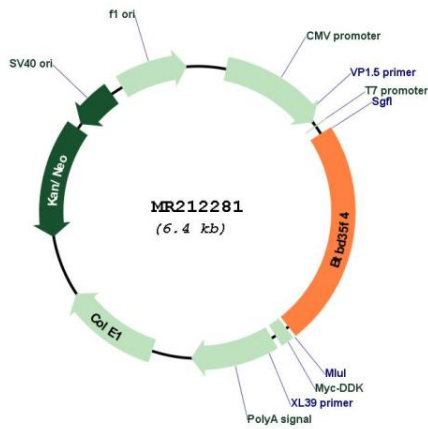
RefSeq ORF: 1491 bp

Locus ID: 100042254

Cytogenetics: X

MW: 57.7 kDa

Product images:



Circular map for MR212281