

Product datasheet for **MR212281A1V**

Mouse **Btbd35f4 (NM_001099643) AAV Particle**

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Btbd35f4 (NM_001099643) AAV Particle
Tag:	Myc-DDK
Symbol:	Btbd35f4
Synonyms:	100042254; Gm3750
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGCTTTTAGTCAGCAGGGTCTTGAGATGCAGGGATTCCAGTCTGTTAGAGCCACAGCCAGAAGCCA
 TAGCCGGAGCCAGCTACATTCCTGGCAGTCGCAAGCGAAAAAGAAACAGTTTGGAGGAGTTGGCAACAAG
 TTCTAATGTTTCATGGACCTCAAAACCAGCGAATGTATCCACATCAAGTCTCAACTACATCTACTGGAAA
 AGGGTTAAGATCTCATCTAATGATGCTTATCAAACTATTTTTGGACGGGCATGATAGCGACATTA
 TCCGTGCTCTGGGAAAAACATGGTGTACACAAAGTATTTTTATGTCAGTCAGGCTACTTTGCTAACAT
 TCTCAAAGTACTTGGAGAGAATCACACCATGGTGTATAAATCTGATCATTAAAGATATTGATACCCGA
 TCTCTGCATTTGTGTTGGTGTGTACACGGATGCGGATTTGTCAATAACACCTCTGGAAGTCTCTC
 AAGTTTTGGCAGCAGCATGCCTGCTTCGGTGGATCGAGTAATTCAGCAGTGTGAAGGAATCATGAAAGA
 AACTATCAACAGGAACACTGTGTGCTCCTATTATTTGGCAGCAGAAACCTATAGATTA
 AAGCAGTAAAGACGAGATGCTTTGAATGGCTTCTTTGCAATTTGATGGTACATCCAAGTGTGGC
 ACTTTGAAAGTTGATGTATCTTCTAGCACTGTCTTCTGACTTACTAGTCATGCAAAAAGGAGATTGAT
 TATA TACCACACTAAAAATATGGATGTTTCTTTATCTTAATCCATGCTGGAACGGAACCATGAAACAGCTTTTA
 CAACACGCAAAACAACTGGCTTTCCACCCACATGGCATAATGTTGATAACATCAGTTTTCTTGAAAGTGAAG
 AAGGACTAATATTTCAACAGTGTAAAAAGCTGAGATTTGAGCACATCATCTGTGACTTGACTTCCAC
 AACTATCTTGAACAAGATCGACTAATACCTATGGCATGGTGTGTCACCCATTTACAAACAACAGTGGT
 ACTTTGCTGCGAACACAAGAATATGGGGTAATGGACCACAAGTATCAATGAACAAGAAGTGAAGAAT
 GCACCATGAGGTGTGGTACAATGATCCCAAGGATGGAAGATATACTTGGAAAGTGTGAGTTGGACGACT
 TGGCTTTCCTTTACGTGTGACCTTTACACGGCAGTGTGTAATTTAAGGCAACGGTGTGAGAGGTGTGAT
 GTTCTGCTTGCACAACCATATCCGAAATGTCATATTGAGAATAACTTTGGTGTGTTTTGATTCCAACA
 AAAGAGTAACTTTGAGAAAGACAACAGTTATAAAATCCTCACCTTTGAATATAAGGAGGAGCAAATTGT
 AATGAAATTGGATAGTGATGTTCTAACCTTCCCTATGTGTATATTCTGCAATTTCTTTTGTAAACCTA
 GGAAATGCAGAAAAAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MGLLVSRVLRCDSSLLLEPQPEAIAGASYIPGSRKRKRNSLEELATSSNVHGPQNQRMPHQVLYNYIYWK
 RVKISSNDAYQNLFLDGHSDIKIRALGKTWCLHKVFLCQSGYFANILKGTWRESHHGVINLIKIDTR
 SLHFVFGALYTDADLSITPLEVPQVLAACLRLVDRVIQQCEGIMKETINRNTVCSYYLAAETRYLKA
 VTRCFEWLLENLHVPSVALYKEVDLKLMYLLALSSDLLVMQKEIDVYTTLKIWMFLYLNPCWNGT
 MTKQLLQHANNWLSTHMAVYDNI SFLESEGLIFQPVFKLRFQHIICDLTSTTILEQDRLIPMAW
 SPIYKQQLL TLLRTQEYGVIGPVINEQELECTMRCGTMIPKDGRTWKWSVGR LGFPLRVTFTRQCV
 ILRQRCQRCDSACHNHIRNVIFRITLVCFDSNKRVTFRKTTGYKILTFEYKEEQIVMKLSDSVLTF
 PFCIFCNFLFVNLGNAENK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001099643

ORF Size:

1488 bp

Buffer:	PBS with 0.001% Pluronic F68
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_001099643.2, NP_001093113.1</u>
RefSeq Size:	1949 bp
RefSeq ORF:	1491 bp
Locus ID:	100042254
Cytogenetics:	X
MW:	57.7 kDa