

Product datasheet for **RC238833A1V**

Human BTD (NM_001281723) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human BTD (NM_001281723) AAV Particle
Tag:	Myc-DDK
Symbol:	BTB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC238833 representing NM_001281723
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCAGAGGGAGCGGGACTAGCAGGAGATTGCTGCCTATGCAAAGCAGATTTGTGGTCTGCATTATGT
 CTGGAGCCAGAAGTAAGCTTGCTCTTTTCTCTGCGGCTGTTAGGTGGTTGCCCTGGGAGCCACACCGG
 GGAGGAGAGCGTGGCTGACCATCACGAGGCTGAATATTATGTGGCTGCCGTGTATGAGCATCCATCCATC
 CTGAGTCTGAACCCTCTGGCTCTCATCAGCCGCAAGAGGCCCTTGGAGCTCATGAACCAGAACCTTGACA
 TCTATGAACAGCAAGTGACTGCAGCCAAAAGGATGTACAGATTATAGTGTTCAGAAAGATGGCAT
 TCATGGATTCAACTTTACAAGAACATCCATTTATCCATTTTGGACTTCATGCCGTCTCCCCAGGTGGTC
 AGGTGGAACCCATGCCTGGAGCCTCACCCTTCAATGACACAGAGGTGCTCCAGCGCCTGAGTTGTATGG
 CCATCAGGGGAGATATGTTCTTGGTGGCAATCTTGGGACAAAGGAGCCTTGTCATAGCAGTGACCCAAG
 GTGCCAAAAGATGGGAGATACCAGTTCAACACAAATGTCGTGTTAGCAATAATGGAACCCCTTGTGAC
 CGCTACCGTAAACACAACCTCTACTTTGAGGCAGCATTGATGTTCTCTTAAAGTGATCTCATCACCT
 TTGATACCCCTTTGCTGGCAGTTTGGCATCTTCACATGCTTTGATATATTGTTCTTTGACCCTGCCAT
 CAGAGTCTCAGAGACTACAAGGTGAAGCATGTTGTGTACCCAACCTGCCTGGATGAACCAGCTCCCACTC
 TTGGCAGCAATTGAGATTCAGAAAGCTTTTGTGTTGCCCTTTGGCATCAACGTTCTGGCAGCTAATGTCC
 ACCACCCAGTTCTGGGGATGACAGGAAGTGGCATAACACCCCTCTGGAGTCTTTTGGTACCATGACAT
 GGAAAAATCCAAAAGTCACTTATAATTGCCAGGTGGCAAAAATCCAGTGGGTCTCATTGGTGCAGAG
 AATGCAACAGGTGAAACGGACCCATCCCATAGTAAGTTTTTAAAAATTTTGTGAGGCGATCCGACTGTG
 AGAAGGATGCTCAGGAAGTCCACTGTGATGAGGCCACCAAGTGAACGTTGATGCTCTCCACATTTCA
 CTCTGAGATGATGATGACAATTTACCCCTGGTCCCTGTCTGGGAAAGGAAGGCTATCTCCACGTCTGT
 TCCAATGGCCTCTGCTGTTATTTACTTTACGAGAGGCCACCTTATCCAAGAGCTGTATGCCCTGGGGG
 TCTTTGATGGGCTTACACAGTACATGGCACTTACTACATCCAAGTGTGTGCCCTGGTCAAGTGTGGGGG
 TCTTGGCTTCGACACCTGTGGACAGGAAATCACAGAGGCCACGGGGATATTTGAGTTTCACTGTGGGGC
 AACTTCAGTACTTCTATATCTTTCTTTGTTTCTGACCTCAGGGATGACCTAGAAGTCCCTGACCAGC
 TTGGCTGGGAGAATGACCACTATTTCTGAGGAAAAGTAGGCTGTCTCTGGGCTGGTACGGCGGCTCT
 CTATGGGCGCTTGTATGAGAGGGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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 Red=Cloning site Green=Tags(s)

MPEGGGTSRRLPLMQSRFVVCIMSGARSKLALFLCGCYVVALGAHTGEESVADHHEAEYVVAAYVEHPSI
 LSLNPLALISRQEALLMNQNDIYEQQVMTAAQKDVQIIVFPEDGIHGFNFRTRTSIYPFLDFMPSQV
 RWNPCLEPHRFNDTEVLQRLSCMAIRGDMFLVANLGTKEPCHSSDPRCPKDGRYQFNTNVVFSNNGTLVD
 RYRKHNLVFEAAFDVPLKVDLITFDTPFAGRFGIFTCFDILFFDPAIRVLRDYKVKHVYPTAWMNQLPL
 LAAIEIQKAFVAVFGINVLAANVHPVVGMTGSGIHTPLESFWYHDMENPKSHLIIAQVAKNPVGLIGAE
 NATGETDPSHSKFLKILSGDPYCEKDAQEVHCDEATKWNVNAPPTFHSEMMDNFVLPVWVWKEGYLHVC
 SNGLCCYLLYERPTLSKELYALGVFDGLHTVHGTYYIQVCALVRCGGLGFDTCGQEITEATGIFEFHLWG
 NFSTSYIFPLFLTSGMTLEVDPQLGWENDHYFLRKSRLSSGLVTAALYGRLYERD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001281723

ORF Size:	1635 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_001281723.1</u> , <u>NP_001268652.1</u>
RefSeq Size:	2353 bp
RefSeq ORF:	1572 bp
Locus ID:	686
UniProt ID:	<u>P43251</u>
Cytogenetics:	3p25.1
MW:	61.8 kDa