

Product datasheet for **RC204153A1V**

Human BTD (NM_000060) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human BTD (NM_000060) AAV Particle
Tag:	Myc-DDK
Symbol:	BTD
Synonyms:	biotinidase
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC204153 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

 ATGGCGCATGCGCATATTCAGGGCGGAAGGCGCGCTAAGAGCAGATTTGTGGTCTGCATTATGTCTGGAG
CCAGAAGTAAGCTTGCTCTTTCTCTGCGGCTGTTACGTGGTTGCCCTGGGAGCCACACCGGGGAGGA
GAGCGTGGCTGACCATCACGAGGCTGAATATTATGTGGCTGCCGTGTATGAGCATCCATCCATCCTGAGT
CTGAACCTCTGGCTCTCATCAGCCGCCAAGAGGCTTGGAGCTCATGAACCAGAACCTTGACATCTATG
AACAGCAAGTGATGACTGCAGCCAAAAGGATGTACAGATTATAGTGTTCAGAAAGATGGCATTTCATGG
ATTCAACTTTACAAGACATCCATTTATCCATTTTGGACTTCATGCCGTCTCCCAGGTGGTCAAGTGG
AACCCATGCTGGAGCCTCACCCTTCAATGACACAGAGGTGCTCCAGCGCTGAGTTGTATGGCCATCA
GGGAGATATGTTCTTGGTGGCAATCTTGGGACAAAGGAGCCTTGTATAGCAGTGACCAAGGTGCC
AAAAGATGGGAGATACAGTTCAACACAAATGTCGTGTCAGCAATAATGGAACCTTGTGACCGCTAC
CGTAAACACAACCTCTACTTTGAGGCGCATTCGATGTTCTCTTAAAGTGGATCTCATCACCTTTGATA
CCCCCTTTGCTGGCAGGTTTGGCATCTTCACATGCTTTGATATATTGTTCTTTGACCCTGCCATCAGAGT
CCTCAGAGACTACAAGGTGAAGCATGTTGTGTACCAACTGCCTGGATGAACAGCTCCCACTCTTGGCA
GCAATTGAGATTAGAAAGCTTTTGTGTTGCCCTTGGCATCAACGTTCTGGCAGCTAATGTCCACCACC
CAGTTCTGGGGATGACAGGAAGTGGCATACACACCCCTCTGGAGTCTCTTTGGTACCATGACATGAAAA
TCCCAAAGTCACCTTATAATTGCCAGGTGGCCAAAATCCAGTGGGTCTCATTGGTGCAGAGAATGCA
ACAGGTGAAACGGACCCATCCCATAGTAAGTTTTTAAAAATTTGTGAGCGATCCGTAAGTGTGAGAAGG
ATGCTCAGGAAGTCCACTGTGATGAGGCCACCAAGTGAACGTGAATGCTCTCCACATTTCACTCTGA
GATGATGATGACAAATTCACCTGGTCCCTGTCTGGGAAAGGAAGGCTATCTCCACGCTGTTCCAAT
GGCCTCTGCTGTTATTTACTTTACGAGAGGCCACCTTATCCAAAGAGCTGTATGCCCTGGGGGTCTTTG
ATGGGCTTCACACAGTACATGGCACTTACTACATCCAAGTGTGTGCCCTGGTCAAGTGTGGGGGTCTTG
CTTCGACACCTGTGGACAGGAAATCACAGAGGCCACGGGGATATTTGAGTTTCACCTGTGGGGCACTTC
AGTACTTCCTATATCTTTCTTTGTTTCTGACCTCAGGGATGACCCTAGAAGTCCCTGACCAGCTTGGCT
GGGAGAATGACCACTATTTCTGAGGAAAAGTAGGCTGTCTCTGGGCTGGTACGGCGGCTCTCTATGG
GCGCTTGTATGAGAGGGAC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204153 protein sequence

Red=Cloning site Green=Tags(s)

 MAHAHIQGGRRAKSRFVVCIMSGARSKLALFLCGCYVVALGAHTGEESVADHHEAEYYAAVYEHPSILS
LNPLALISRQEALELMNQNLDIYEQQVMTAAQKDVQIIIVFPEDGIHGFNFTRTSIYPFLDFMPSPQVVRW
NPCLEPHRFNDTEVLQRLSCMAIRGDMFLVANLGTKEPCHSSDPRCPKDGRYQFNNTNVVFSNNGTLVDYR
RKHNLYFEAAFDVPLKVDLITFDTPFAGRFGIFTDFILFFDPAIRVLRDYKVKHVVPYPTAWMNQLPLLA
AIEIQKAFVAFGINVLAANVHPVLGMTGSGIHTPLESFYHDMENPKSHLIIAQVAKNPVGLIGAENA
TGETDPSHSKFLKILSGDPYCEKDAQEVHCDEATKWNVNAPPTFHSEMMYDNFTLVVPVWGKEGYLHVCSN
GLCCYLLYERPTLSKELYALGVFDGLHTVHGTYIQCVCALVRCGGLGFDTCGQEIETATGIFEFHLWGNF
STSYIFPLFLTSGMTLEVDPQLGWENDHYFLRKSRLSSGLVTAALYGRLYERD

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000060

ORF Size:	1629 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_000060.2</u>
RefSeq Size:	2084 bp
RefSeq ORF:	1632 bp
Locus ID:	686
UniProt ID:	<u>P43251</u>
Cytogenetics:	3p25.1
MW:	61.1 kDa