

Product datasheet for **MR207721A1V**

Mouse Dbt (NM_010022) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Dbt (NM_010022) AAV Particle
Tag:	Myc-DDK
Symbol:	Dbt
Synonyms:	BCKAD-E2; D3Wsu60e
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR207721 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTGCAGCGCGTGTACTGAGGACCTGGAGCCAGAACGCTGTGACTGACCTGTGTTTCGCTATTTTC
 AGACATTTAATAGCGCCCGTGTGTTTGAAGCCAAAATGTGTGTGCTCTGTGGGTTATCCATTGTTCAAGTA
 CAGTCAGCCACGTCACCTCCGAGAACAGCGGCCGTGCTCCAGGGACAGGTTGTTTCAGTTCAAACCTCC
 GACATCGGAGAAGGAATTCGAGAAGTAATTAAGAAGTGGTATGTAAAAGAAGGAGATACGGTGTCTC
 AGTTTGACAGCATCTGTGAAGTTCAAAGTGACAAGGCCTCTGTACCATCACCAGCCGTTACGATGGCAT
 CATTAAGAGGCTCTATTACAATCTAGATGATATCGCTTATGTGGGAAACCCTGATCGACATTGAGACA
 GAAGCTTTAAAGGATTGAGGGAAGATGTTGTTGAAACCCCGCTGTGCCATGATGAGCACACTCACC
 AAGAGATAAAAGGCCAGAAAACACTAGCAACGCCTGCAGTGCCTCGGCTGGCAATGGAAAACAATATTA
 GCTGAGTGAAGTTGTTGGCTCAGGAAAAGATGCGAGAATACTTAAGAAGATATTCTCAGCTTTTGGAA
 AAGCAGACAGGAGCCATACTGCCTCCCTCACCAAAATCTGAAATCACACCACCTCCACCAGCCAAAAG
 ACAGGACCTTTCCACGCGGATAGCAAAGCCTCCAGTGTTCACAGGCAAAGACCGAACAGAGCCAGTGAC
 AGGCTTCCAGAAGGCAATGGTGAAGACCATGTCTGCAGCCCTGAAGATCCCCACTTCGGGTATTGTGAT
 GAGATTGACCTTACTCAACTGGTTAAGCTTCGAGAAGAGCTGAAACCTGTTGCTTTGGCGGTGGAATCA
 AACTCTCTTCATGCCCTTCTTAAAGGCTGCTTCTCTGGGACTCTCGAGTTTCTATCCTCAATGC
 CTCCGTGGACGAGAAGTCCAGAACATCACCTACAAGGCTTCTCACAACATTGGGATAGCAATGGACACT
 GAGTGGGGTTAATTGTCCCAATGTGAAGAAGCTTCAGTCCGCTCTGATTTGAGATCGCCATGGAAC
 TGAACCGCTCCAGAACTGGGCTCTCCGGCTCAGCTCCGTAACACCGACCTTACAGGAGGGACATTTAC
 TCTTTCCAACATTGGATCAATCGGTGGAACCTATGCCAAGCCAGTGATATTGCCACCGAAGTAGCCATT
 GGTGCCCTGGGAGCGATTAAGGCTCTCCCGATTGACCAGAAAGGAGACGTTTATAAAGCACAGATAA
 TGAATGTGAGCTGGTCAGCGGATCACAGGGTATCGATGGGGCCACCATGTCACGCTTCTAATTTGTG
 GAAATCTACTTAGAAAACCCAGCGTTTATGCTGCTGGATCTGAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207721 protein sequence
 Red=Cloning site Green=Tags(s)

MAAARVLRWTSQNAVRLTCVRYFQTFNSARVLKPKCVCSVGYPLFKYSQPRHSLRRTAAVLQGQVVQFKLS
 DIGEGIREVTIKEWYVKEGDTVQFDSICEVQSDKASVTITSRYDGIKRLYYNLDDIAYVGKPLIDIET
 EALKDSEEDVETPAVSHDEHHEIQKQKTLATPAVRRLAMENNIKLEVVVSGKDGRIKEDILSFLE
 KQTGAILPPSPKSEITPPPPQPKDRFTPTPIAKPPVFTGKDRTEPVTGFQKAMVKTMSAALKIPHFYCD
 EIDLTLQVLKREELKPVALARGIKLSFMPFFLKAASLGLLQFPILNASVDENCQNITYKASHNIGIAMDT
 ELGLIVPNVKNVQVRSVFEIAMELNRLQKLGSSGQLGTTDLTGGTFTLSNIGSIGGYAKPVILPPEVAI
 GALGAIKALPRFDQKGDVYKAQIMNVSWSADHRVIDGATMSRFSNLWKSYLENPAFMLLDLK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_010022

ORF Size:

1449 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_010022.1</u> , <u>NP_034152.1</u>
RefSeq Size:	3292 bp
RefSeq ORF:	1449 bp
Locus ID:	13171
UniProt ID:	<u>P53395</u>
Cytogenetics:	3 50.37 cM
MW:	53.3 kDa