

Product datasheet for **RC203798A1V**

Human Dystrobrevin beta (DTNB) (NM_183361) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Dystrobrevin beta (DTNB) (NM_183361) AAV Particle
Tag:	Myc-DDK
Symbol:	Dystrobrevin beta
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC203798 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGATTGAGGAAAGTGGGAACAAGCGGAAGACCATGGCAGAGAAGAGGCAGCTGTTCATAGAAATGCGTG
 CTCAGAAATTTGATGTCATACGACTATCAACTTACAGAACAGCCTGCAAATTACGATTTGTACAAAAACG
 ATGCAACCTTCATCTTGTGATCTGGAACATGATTGAAGCCTTCCGAGACAATGGCCTTAATACACTG
 GACCATAACCACCGAGATCAGTGTGTCCCGCCTCGAAACTGTCATCTCCTCCATCTACTATCAGTTGAACA
 AGCGCCTTCTTCTACTACCAAATTAGTGTGGAACAATCTATCAGCCTCCTCCTCAACTTTATGATTGC
 TGCATATGACAGTGAGGGCCGAGGCAAGTTGACGGTATTTTCAGTTAAAGCTATGTTAGCAACCATGTGT
 GGTGGAATAATGCTGGACAAATTGAGATATGTTTTCTCCAGATGTCAGATTCCAATGGCTTAATGATAT
 TTAGCAAGTTTGACCAAGTTCTGAAGGAAGTTCTGAAGCTCCCAACAGCTGTCTTTGAAGGGCCATCTTT
 TGGTTACACAGAGCACTCAGTCCGACCTGTTTTCCACAGCAGAGAAAGATAATGCTAAATATGTTTTTA
 GACACAATGATGGCTGACCTCCTCCCAAGTGCCTTGTCTGGCTACCTCTCATGCACAGGCTTGCCCATG
 TTGAGAATGTCTTCCATCCCGTGGAGTGCTCCTACTGCCGATGTGAGAGTATGATGGGTTTCCGGTACCG
 ATGCCAGCAGTGCCCAACTATCAGCTCTGCCAGAATTGCTTTTGGCGTGGCCATGCCGGCGGCCCTCAC
 AGCAACCAGCACCAGATGAAGGAGCATTCTCTTGAAATCTCCTGCAAAGAAGCTGAGCCATGCAATTA
 GTAAATCTTTGGGGTGTGTACCCACGAGAGAACCCCGCATCTGTTTTCTTGAGCAACCAGAGAAACC
 ACTTGACCTTGACATATAGTTCTCTCGCCCTCTGACTAATATGAATGACACCATGGTTAGCCACATG
 TCCTCTGGAGTGCCCACTCCCAACAGAGTGTCTGGACAGTCTAGCCGACTGGATGAGGAACACCGCTC
 TTATAGCTCGCTATGCTGCCCGGCTGGCTGCAGAAGCAGGAAACGTGACTCGTCTCCCACTGACTTGAG
 CTTTAACCTTTGATGCCAACAACAACAAGACAGCTTATTGCAGAACTGGAAAACAAAAACAGAGAGATC
 CTGCAGGAGATTGAGCGTCTCCGCTGGAACACGAGCAGGCTCCAGCCACCCCTGAGAAGGCACAGC
 AGAACCCACGCTGCTGGCAGAGCTGCGGCTGCTGAGGCAAAGGAAGGATGAACTGGAGCAGAGGATGTC
 GGCCCTGCAGGAGAGCAGGCGGGAGCTGATGGTCCAGCTGGAAGAGCTGATGAAGTTGCTGAAGGCTCAG
 GCCACAGGCTCACCATACATCGCCACCCATGGAGGCGGCCGCAATGCCCATGCCAGTGCCTCCA
 CGTCTGCCGGCTCCACCCCACTGTCCGAGGACTCGCTGAGCGGAGTGGGGGAGACGTGCAGGA
 GGCTTCGCACAAGCAGAGGAAGGTGCAGAGGAAGAAGAAGAGAAGATGCAGAATGGGAAGACAGAGGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203798 protein sequence
 Red=Cloning site Green=Tags(s)

MIEESGNKRKTMAEKRLFIEMRAQNFDVIRLSTYRTACKLRFVQKRCNLHLVDIWNMIEAFRDNGLNTL
 DHTTEISVSRLTVISSIYYQLNKRLPSTHQISVEQSIISLLNFMIAAYDSEGRGKLTFSVKAMLATMC
 GGKMLDKLRYVFSQMSDSNGLMIFSKFDQFLKEVLKLPATVFEGPSFGYTEHSVRTCFPQQRKIMLNMF
 DTMMADPPQCLVWLPLMHLRAHVENVFHPVECSYCRCEMMGFYRCQQCHNYQLCQNCFWRGHAGGPH
 SNQHQMKEHSSWKSPAKKLSHAIKSLGCVPTREPPHPVFPEQPEKPLDLAHIVPPRPLTNMNDTMVSHM
 SSGVPTPTKSVLDSPSRLDEEHRLIARYAARLAAEAGNVTRPPTDLNFNDANKQQRQLIAELENKNREI
 LQEIQLRLLEHEQASQPTPEKAQQNPSTLLAELRLLRQRKDELEQRMSALQESRRELMVQLEELMKLLKAQ
 ATGSPHTSPTHGGRPMPMPVRSTSAGSTPTHCPQDSL SGVGGDVQEAFAQAEEGAEEEEKMQNGKDRG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_183361

ORF Size:	1680 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_183361.1, NP_899205.1</u>
RefSeq Size:	2328 bp
RefSeq ORF:	1683 bp
Locus ID:	1838
UniProt ID:	<u>O60941</u>
Cytogenetics:	2p23.3
MW:	63.8 kDa