

Product datasheet for **RC223952A1V**

Human Dystrobrevin alpha (DTNA) (NM_032979) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Dystrobrevin alpha (DTNA) (NM_032979) AAV Particle
Tag:	Myc-DDK
Symbol:	Dystrobrevin alpha
Synonyms:	D18S892E; DRP3; DTN; DTN-A; LVNC1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC223952 representing NM_032979
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGATTGAAGATAGTGGGAAAAGAGGAAATACCATGGCAGAAAGAAGACAGCTGTTTGCAGAGATGAGGG
 CTCAAGATCTGGATCGCATCCGACTCTCCACCTACAGAACAGCATGCAAGCTTAGGTTTGTTCAGAAAGAA
 ATGCAATTTGCACCTGGTGGACATATGGAATGTCATAGAAGCATTGCGGGAAAATGCTCTGAACAACCTG
 GACCCAAACACTGAACCTCAACGTGTCCCGCTTAGAGGCTGTGCTCTCCACTATTTTTTACCAGCTCAACA
 AACGGATGCCAACCACTACCAAATCCATGTGGAGCAGTCCATCAGCCTCCTCCTTAACCTCCTGCTTGC
 AGCGTTTGATCCGGAAGGCCATGGTAAAATTTCACTATTTGCTGTCAAAATGGCTTTAGCCACATTGTGT
 GGAGGGAAGATCATGGACAAATTAAGATATATTTCTCAATGATTTCTGACTCCAGTGGGGTGATGGTTT
 ATGGACGATATGACCAATTCCTTCGGGAAGTTCTCAAACACCGGAGTTTGAAGGTCCTTCATT
 TGGTTACACAGAACAGTCAGCCAGATCCTGTTTCTCCCAACAGAAAAAGTCACGTTAAATGGTTTCTTG
 GACACGCTTATGTCAGATCCTCCCCCGAGTGTCTGGTCTGGTTCCTCTTCTGCATCGACTAGCAAATG
 TGGAAAATGTCTTCCATCCGTTGAGTGTCTCTACTGCCACAGTGAGAGTATGATGGGATTTTCGTACCG
 ATGCCAACAGTGTCAATTACCAGCTCTGTCAGGACTGCTTCTGGAGGGGACATGCCGGTGGTTCTCAT
 AGCAACCAGCACCAATGAAAGAGTACACGTCTGGAATCACCTGCTAAGAAGCTGACTAATGCATTAA
 GCAAGTCCCTGAGCTGTGCTTCCAGCCGTGAACCTTGCACCCCATGTTCCAGATCAGCCTGAGAAGCC
 ACTCAACTTGGCTCACATCGTTGATACTTGGCCTCCAGACCTGTAACCAGCATGAACGACACCTGTTC
 TCCCACTCTGTTCCCTCCTCAGGAAGTCCTTTTATTACCAGGAGCATGCTTGAGAGTTCAAACCGGCTTG
 ATGAAGAACACAGGCTAATTGCCAGGTATGCGCAAGGCTGGCAGCAGAGTCTCTTCTGCTCAGCCACC
 TCAGCAGAGAAGTGCTCCTGACATCTCTTACCACATCGATGCGAATAAGCAGCAAAAGGCAGCTGATTGCT
 GAGCTAGAAAAACAAGACAGAGAAATCTTACAGGAGATCCAGAGACTTCGGCTAGAGCATGAACAAGCTT
 CTCAGCCCACGCCAGAGAAGGCACAGCAAAACCCACCCTGCTGGCAGAACTCCGGCTCCTCAGACAGCG
 CAAAGATGAGCTGGAACAGAGATGTCTGCTCTCCAGGAGAGCCGGAGAGAGCTAATGGTCCAGTTGGAG
 GGTCTCATGAAGCTACTAAAGGAAGAAGAACTGAAGCAGGGAGTAAGTTATGTCCCTACTGCAGGTCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC223952 representing NM_032979
 Red=Cloning site Green=Tags(s)

MIEDSGKRGNTMAERRQLFAEMRAQDLDRIRLSTYRTACKLRFVQKKCNLHLVDIWNVIEALRENALNNL
 DPNTLNVSRLAVALSTIFYQLNKRMPHTTHQIHVEQSISSLLNFFLLAFAFDPEGHGKISVFAVKMALATLC
 GGKIMDKLRYIFSMISDSSGVMVYGRYDQFLREVLKLPTAVFEGPSFGYTEQSARSCFSQKKVTLNGFL
 DTLMSDPPPPQCLVWLPPLHRLANVENVFHPVECSYCHSESMGFRYRCQQCHNYQLCQDCFWRGHAGGSH
 SNQHQMKEYTSWKSPAKKLTNALSKSLSCASSREPLHPMPDQPEKPLNLAHIVDTPPRPVTSMNDFL
 SHSVSPSSGSPFITRSMLESSNRLDEEHLIARYAARLAAESSSSQPPQQRSA PDISFTIDANKQQRQLIA
 ELENKNREILQEIQRLRLHEHQASQPTPEKAQQNPTLLAELRLLRQRKDELEQRMSALQESRRELMVQLE
 GLMKLLKEELKQGVSYVPYCRS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_032979

ORF Size:

1539 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_032979.2</u>
RefSeq Size:	3110 bp
RefSeq ORF:	1542 bp
Locus ID:	1837
UniProt ID:	<u>Q9Y4J8</u>
Cytogenetics:	18q12.1
MW:	58.7 kDa