

Product datasheet for **RC214771A1V**

Human Dynamitin (DCTN2) (NM_006400) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Dynamitin (DCTN2) (NM_006400) AAV Particle
Tag:	Myc-DDK
Symbol:	Dynamitin
Synonyms:	DCTN50; DYNAMITIN; HEL-S-77; RBP50
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC214771 representing NM_006400 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCGGACCCTAAATACGCCGACCTTCCCGGCATTGCCAGGAATGAGCCAGATGTTTATGAACTAGCG
ACCTACCTGAGGATGATCAAGCGGAGTTCGATGCGTTTGCACAAGAGCTGGAGGAGCTGACAAGCACAAG
TGTGGAACACATCATTGTCAATCCTAATGCTGCCTATGACAAGTTCAAGGACAAGAGAGTGGGGACAAAG
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TTGGAGAGGGTCTGGGAGTGAAGGAGACACCCAGCAAAAGTACCAGCGCCTACTGCATGAGGTCCAAGA
GCTGACAACTGAAGTTGAAAAAATCAAGACGACAGTGAAGGAGTCAGCCACAGAGGAGAAGCTGACCCCT
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GACCAGATGCTGCAATCAACCTTACCGACCCCGATGGCGCCCTGGCTAAGCGCCTACTACTGCAGCTGGA
AGCAACAAGAACAGCAAGGGGGATCAGGGGAAAAACCACTGGGACCCCCCAGATAGCAGCCTTGTC
ACTTATGAACTACATTCTCGGCCTGAGCAGGACAAGTTCTCTCAAGCTGCCAAAGTCGCAGAAGTTGAA
AGCGCCTGACAGAGCTGGAGACAGCTGTACGTTGTGATCAGGATGCTCAGAATCCCTTTCTGCAGGTCT
ACAGGGAGCCTGTCTCATGGAGACTGTAGAGCTGTTGCAAGCAAAAGTGAGCGCCCTAGACCTTGCACTT
TTGGATCAAGTGGAGGCTCGGCTACAGAGTGTCTGGGAAAGGTGAACGAGATTGCCAAGCATAAAGCCT
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TGCTCCACCCCTCCCTGAGCTGGTGCAGAGACTTGTCAACATCAAGCAGCTGCACGAGCAAGCCATGCAG
TTTGGTCAGCTCCTGACACACTTGATACCAACCCAGCAGATGATTGCTAATTCCTTGAAGGACAATACCA
CCCTCTTGACCCAGGTGCAGACAACCATGCGTGAAAACCTGGCCACAGTTGAGGGGAAGTTTGCCAGCAT
TGATGAACGGATGAAGAAGCTGGGAAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC214771 representing NM_006400 Red=Cloning site Green=Tags(s) MADPKYADLPGIARNEPDVYETSDLPEDDQAEFDFAQEELEELTSTSVEHIIVNPNAAYDKFKDKRVGKGLDIFSRRIGKTKRTGYESGEYEMLGEGLVKETPQQKYQRLLEHVQELTTEVEKIKTTVKESATEEKLTPVLLAKQLAALKQQLVASHLEKLLGPDAAINLTDPDGALAKRLLQLLEATKNSKGGSGGKTTGTPPDSSLVTYELHSRPEQDKFSQAAKVAELEKRLTELETAVRCDQDAQNPLSAGLQGACLMETVELLQAKVSALDLAVLDQVEARLQSVLGKVNEIAKHKASVEDADTQSKVHQLYETIQRWSPIASLPELVQRLVTIKQLHEQAMQFGQLLTHLDTTQQMIANSKDNNTLLTQVQTTMRENLATVEGNFASIDERMKKLGK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006400
ORF Size:	1218 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:	NM_006400.3
RefSeq Size:	1757 bp
RefSeq ORF:	1221 bp
Locus ID:	10540
UniProt ID:	Q13561
Cytogenetics:	12q13.3
MW:	44.6 kDa