

Product datasheet for **RC208721A1V**

Human DCDC2 (NM_016356) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DCDC2 (NM_016356) AAV Particle
Tag:	Myc-DDK
Symbol:	DCDC2
Synonyms:	DCDC2A; DFNB66; NPHP19; NSC; RU2; RU2S
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC208721 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCGGCAGCAGCGCCAGGTCCAGCCACCTGTCTCAGCCCGTCGTGAAGAGCGTGCTTGTGTACCGCA
 ACGGGGACCCCTTCTACGCGGGCGCCGCGTCGTCATCCATGAGAAGAAGGTGTCCAGCTTCGAAGTCTT
 CCTGAAGGAGGTGACCGCGCGCTTCAGGCACCCCTTTGGGGCCGTCAGGAACATCTACACCCCGCGGACT
 GACCACCGAATCCGGAAGCTAGACCAGATCCAGAGCGGGGCAATTACGTGGCTGGAGGCCAGGAAGCCT
 TCAAGAACTCAATTACTTGGACATAGGAGAAATCAAGAAAAGACCAATGGAAGTTGTTAATACAGAGGT
 AAAACAGTAATCCATAGCAGGATCAACGTGTCAGCTCGCTTTAGAAAACCGCTTCAGGAGCCGTGCACT
 ATCTTCTTGATTGCAATGGAGACCTCATAAACCAGCTTCTCGCTCCTTATCCCCGAAAAACCTTGA
 ATCAGTGGGATCATGTACTACAAATGGTCACAGAAAAATCACTCTGAGGAGCGGGGCTGTTACAGGCT
 TTATACCTTTAGAAGGAAAACTTGTGAGAGTGGAGCAGAGTTGGAGAATGGGCAGTTTTATGTGGCTGTT
 GGCAGAGATAAGTTTAAAGAACTGCCTTACGGTGAGTTACTTTTTGACAAGTCAACGATGAGAAGGCCTT
 TTGGTCAGAAAGCTTCTTCACTACCTCCTATTGTAGGATCCAGAAAGTCTAAAGGGAGTGGAATGATCG
 CCACTCTAAGTCAACAGTTGGATCCAGTGACAACCTCATCTCCTCAGCCCTGAAGAGGAAAGGGAAAAA
 GAAGACGTGAATTCAGAAAACTGACGAAATGAAACAAAATGTAATAAAGAATTCACAAGAAACCA
 TTCAAATAGTGATGAAGGCATTTTCAAAGCTGGAGCAGAGAGGTCTGAAACACGGGGGCGAGCAGAAGT
 CCAAGAAGATGAAGATACTCAGGTTGAGGTTCCAGTCGATCAGAGGCCAGCAGAAATAGTAGACGAGGAA
 GAAGATGGAGAGAAGGCAACAAGGATGCAGAACAGAAAGAAGACTTTTCAGGAATGAATGGTGACCTTG
 AAGAGGAAGGAGGTAGGAGGCTACAGATGCCCTGAGCAAGTCGAGGAGATTCTGGATCACAGTGAGCA
 GCAGGCACGCCCTGCTCGTGTAATGGAGGCACCGATGAGGAGAATGGTGAGGAGCTGCAGCAGGTTAAT
 AATGAGCTTCACTGGTCTAGACAAGGAAAGAAAGTCTCAAGGAGCTGGCAGTGGACAAGATGAGGCTG
 ATGTAGACCCTCAAAGACCACCAAGGCCAGAAGTAAAAATTACAGTCCAGAAGAAATGAAAACAACCA
 ACAAACAAGGACTATGCTGCCGTGGCT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208721 protein sequence
 Red=Cloning site Green=Tags(s)

MSGSSARSSHLSPVVKSVLVYRNGDPFYAGRRVVIHEKKVSSFVFLKEVTGGVQAPFGAVRNIYTPRT
 DHRIRKLDQIQSGGNYVAGGQEAFFKKNLYLDIGEIKRPMEEVNTVEKPIHSRINVSARFRKPLQEPCT
 IFLIANGDLINPASRLIPRKTNLQWDHVLQMVTEKITLRSGAVHRLYTLGKLVESGAELENGQFYVAV
 GRDKFKKLPYGELLFDKSTMRRPFGQKASSLPPIVGSRSKSGSNDHRHSKSTVGSSDNSSPQLKRKGKK
 EDVNSEKLTCLKQNVKLKNSQETIPNSDEGIFKAGAERSETRGAAEVQEDEDTQVEVPVDQRPAEIVDEE
 EDGEKANKDAEQKEDFSGMNGDLEEEGGREATDAPEQVEEILDHSEQQARPARVNGGTDEENGEELQQVN
 NELQLVLDKERKSQGAGSGQDEADVDPQRPPREVKITSPEENENNQQNKDYAAYA

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_016356

ORF Size:

1428 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_016356.3</u>
RefSeq Size:	4716 bp
RefSeq ORF:	1431 bp
Locus ID:	51473
UniProt ID:	<u>Q9UHG0</u>
Cytogenetics:	6p22.3
MW:	52.9 kDa