

Product datasheet for **RC201382A1V**

Human DPH2 (NM_001384) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DPH2 (NM_001384) AAV Particle
Tag:	Myc-DDK
Symbol:	DPH2
Synonyms:	DPH2L2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201382 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAGTCGATGTTTAGCAGCCCTGCCGAGGCGCGCTGCAGCGAGAGACCGGGGTGCCAGGACTGCTTA
 CTCCTCTTCCGGACCTGGACGGAGTGTACGAGCTGGAGCGAGTCGCTGGATTTGTCCGCGACCTGGGGTG
 TGAACGAGTTGCCTTGCAAGTTCCTGACCAGCTATTGGGAGATGCTGTGGCTGTGGCTGCACGACTGGAG
 GAGACGACAGGGTCAAAGATGTTCACTTGGGTGACACAGCCTACGGCAGCTGCTGCGTGGATGTGCTGG
 GTGCTGAGCAAGCTGGAGCTCAGGCTCTCATACATTTTGGCCCTGCCTGCTTAAGCCCTCCAGCCGCC
 ACTGCCCGTTGCCTTCGTGCTTCGTCAACGTTCTGTGGCCTTGGAGCTCTGTGTCAAGGCCTTTGAGGCC
 CAGAACCAGACCCAAAGCGCCTGTGGTGTGCTGAGTGAGCCGGCCTGTGCCATGCCCTGGAGGCTT
 TGGCTACTCTCTGCGCCACGGTACCTGGACCTGCTAGTCTCCAGCCAGCTTTTCCCAACCAGTGGG
 TTCCCTGAGTCCAGAGCCTATGCCCTAGAGCGTTTGGGCGCCGCTTCCCCCTTGCCCCAGGGAGGCGT
 CTAGAAGAGTATGGTGCCTTCTATGTAGGGGGCTCTAAGGCCAGCCCTGACCCAGACCTTGACCCAGACC
 TGAGTCGGCTGCTCTTGGGGTGGGACACAGGTCAACCCTTCTCCTCTGCTGTCCAGATACAGGGAAGAC
 TCAGGATGAGGGTGCCCGGGCTGGACGGCTAAGGGCACGAAGACGATATCTGGTAGAGAGGGCCAGAGAT
 GCGCGCGTGGTAGGGCTGCTGGCAGGCACACTGGGTGTAGCCCAACACCGTGAGGCACTGGCCCACTTGC
 GGAACCTGACTCAGGCTGCTGGCAAGCGTAGCTATGTGTTGGCCCTGGGCGGCCCAACCCTGCCAAGCT
 TGCCAACCTCCCTGAGGTGGATGTCTTTGTGCTATTAGCCTGTCTCTGGGTGCTCTAGCCCCCAGCTT
 TCTGGTAGCTTCTTCCAGCCTATACTGGCACCATGTGAGCTGGAAGCTGCCTGCAACCTGCCTGGCCAC
 CTCACGGCCTGGCTCCCCACCTCACACATTATGCGGACTTATTGCCTGGCTCTCCCTTCCACGTGGCTCT
 CCCACCACCTGAGTCAGAGCTGTGGGAAACCCAGACGTGTCACTCATTACTGGAGATCTCCGACCCCA
 CCTGCCTGGAAGTCATCAATGATCATGGAAGCTTGGCTCTGACCCACGGCCCCAGCTGGAGCTGGCTG
 AGAGCAGTCCTGCAGCCTCATTCTTAGTTCCCGGAGCTGGCAAGGGCTGGAGCCCCGCTGGGTGAGAG
 GCCAGTGACAGAAGCTGTGAGTGAAGACGAGGATTGCCATCGCCTATGAGGATGAGGGAAGCGGC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201382 protein sequence
 Red=Cloning site Green=Tags(s)

MESMFSSPAEALQRETGVPLLTPLPDLGTVYELERVAGFVRDLGCERVALQFPDQLLGDAVAVAAARLE
 ETTGSKMFI LGDTAYGSCVDVLGAEQAGA QALIHFGPACLSPPARPLP VAFVLRQRSVALELCVKA FEA
 QNPDPKAPV VLLSEPACAHAEALATLLRPRYLDLLVSSPAFPQPVGSLSPEMPLERFGRRFPLAPGRR
 LEEYGAFYVGGSKASPDPLDPLSRLLLLGWAPGQPFSSCCPDGTGTQDEGARAGRLRARRRYLVERARD
 ARVVGLLAGTLGVAQHREALAHLRNLQAAGKRSYVLALGRPTPAKLANFPEVDVFVLLACPLGALAPQL
 SGSEFFQPI LAPCELEAACNPAPPPPGLAPHLTHYADLLPGSPFHVALPPPESELWETPDVSLITGDLRPP
 PAWKSSNDHGLALTPRQLELAESSPAASFSSRSWQGLEPRLGQTPVTEAVSGRRGIAIAYEDEGSG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001384

ORF Size:

1467 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_001384.4</u>
RefSeq Size:	2513 bp
RefSeq ORF:	1470 bp
Locus ID:	1802
UniProt ID:	<u>Q9BQC3</u>
Cytogenetics:	1p34.1
MW:	52.1 kDa