

Product datasheet for **RC206603A1V**

Human Dihydropyrimidinase (DPYS) (NM_001385) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Dihydropyrimidinase (DPYS) (NM_001385) AAV Particle
Tag:	Myc-DDK
Symbol:	Dihydropyrimidinase
Synonyms:	DHP; DHPase
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC206603 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCGCGCCCTCGCGGCTCCTGATCCGCGGGGTGCGGTGGTCAACGATGACTTCTCGGAGGTGGCCG
 ACGTGCTGGTGGAGGACGGCGTGGTGC GG GCACTCGGGCACGACCTGCTGCCTCCCGGGGCGCTCCTGC
 GGGGCTCGGGTCTCGACGCCCGCGCAAGCTCGTCTGCGCGGAGGCATCGACACACACACGCACATG
 CAGTTCCTTTCATGGGCTCGCGGTCCATCGACGACTTCCACCAGGGCACCAAGGCTGCTCTCTCAGGAG
 GCACCACCATGATTATTGATTTCCGCATTCTCAGAAAGGTGGCTCCCTCATTGAGGCTTCGAGACCTG
 GCGAAGCTGGGCTGATCCAAAGTTTGTGCGACTACAGCCTTCATGTGGCAGTGACGTGGTGGAGTGAC
 CAGGTTAAAGAAGAAATGAAAACTTTGTGCAAGATAAAGGTGTTAACTCTTCAAGATGTTTATGGCCT
 ATAAAGATCTGTACATGGTGACAGACCTGGAGCTGTACGAAGCCTTCTCTCGGTGCAAGGAAATGGAGC
 AATTGCCAGGTCCATCGGAAATGGAGACTTAATTGCAGAGGGAGCAAAGAAGATGTTGGCTCTGGGG
 ATAACAGGCCCTGAGGGCCACGAGCTGTGCCGCCAGAGGCAGTGGAGGCAGAGGCCACGCTGAGAGCCA
 TCACCATAGCCAGCGCTGTGAAGTGTCTCTCTACATTGTGCATGTGATGAGCAAGTCTGCAGCTAAGGT
 GATAGCGGATGCAAGGAGAGATGGGAAGGTGGTCTATGGTGAACCCATAGCAGCCAGTCTTGGCACAGAT
 GGCACCTCACTACTGGAATAAAGAATGGACCATGCAGCCACCATGTCATGGGTCCACCTTTGCGACCAG
 ACCCTCAACACCCGACTTCCTCATGAATCTGTTGGCTAATGATGATCTAACCACAACAGGGACTGATAA
 CTGACCTTCAACACCTGCCAGAAAGCTCTTGGGAAGGATGATTTACCAAGATCCCAATGGGGTGAAT
 GGTGTTGAAGATCGGATGTCCGTAATATGGGAAAAAGGCGTGCATAGTGGTAAATGGATGAAAAACAGAT
 TTGTGGCAGTTACAGCAGAAATGCAGCAAAATTTTAACTCTATCCAAGAAAAGGAAGAATAGCTGT
 AGGATCAGATGCTGACATTGTTATTTGGGACCCAAAAGGCACAAAGGACTATCTCAGCAAAAACCTCATCAT
 CAGGCTGTAACTTCAACATTTTCGAGGCGATGGTTTGCACGGGGTGGCCCTTGTGACTATTTCAAGAG
 GCAAAGTGGTATATGAAGCCGGAGTGTTCAAGTGTACGGCAGGAGATGGGAAGTTTATTCTCGAAAACC
 ATTTGCTGAATATATTTACAAACGAATAAAGCAGCGAGACCGGACTTGACACCTACCCCTGTGGAGCGT
 GCACCCTATAAGGGAGAAGTCGCCACACTGAAATCCAGAGTGACAAAAGAAGATGCCACAGCAGGGACCA
 GGAAACAGGCCACCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206603 protein sequence
 Red=Cloning site Green=Tags(s)

MAAPSRLLIRGGRVNDVSEVADVLEVDGVVRALGHDLLPPGGAPAGLRVLDAAAGKLVLPGGIDHTTHM
 QFPFMGSRSIDDFHQGTAAALSGGTTMIIDFAIPQKGGSLIEAFETWRSWADPKVCCDYSLHVAVTWWS
 QVKEEMKILVQDKGVNSFKMFMAKYDLVMVTDLELYEAFSRCKEIGAIQVHAENGDLIAEGAKKMLALG
 ITGPEGHELCPAEVAEATLRAITIASAVNCPYIYVHMSKSAKVIADARRDGKVYVGEPIAASLGT
 GTHYWNKEWHHAHHVMGPPLRPDPSTPDLFNLANDDLTTTGTDNCTFNTCQKALGKDDFTKIPNGVN
 GVEDRMSVIWEKGVHSGKMDENRFVAVTSTNAKIFNL YPRKGRIAVGSDADIVDPKGTRTISAKTHH
 QAVNFNIFEGMVCHGVPLVTISRKVVYEAGVFSVTDGDKFIPRKPFAEYIYKRIKQRDRCTPTPVER
 APYKGEVATLKSRTKEDATAGTRKQHP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001385

ORF Size:

1557 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_001385.1</u>
RefSeq Size:	2197 bp
RefSeq ORF:	1560 bp
Locus ID:	1807
UniProt ID:	<u>Q14117</u>
Cytogenetics:	8q22.3
MW:	56.6 kDa