

Product datasheet for **RC205205A1V**

Human PHYHIP (NM_014759) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PHYHIP (NM_014759) AAV Particle
Tag:	Myc-DDK
Symbol:	PHYHIP
Synonyms:	DYRK1AP3; PAHX-AP; PAHXAP1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC205205 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAGCTGCTGTCCACGCCCCACAGCATTGAGATCAACAACATCACCTGCGACTCCTTCAGCATCTCCT
GGGCCATGGAGGACAGTGACCTGGAGAGGGTCACCCATTACTTCATTGACCTTAACAAGAAGGAGAATAA
GAATTCCAACAAGTTCAAGCACCGGGACGTCCCCACCAAGCTCGTGGCCAAGGCAGTGCCGCTGCCCATG
ACGGTGAGAGGCCACTGGTTCTGAGCCCCCGACGGAGTACAGTGTGGCCGTGCAGACGGCAGTGAAGC
AGAGCGATGGGGAGTACCTGGTGTCCGGCTGGAGCGAGACGGTGGAGTTCTGCACTGGGATTATGCCAA
GGAGCACCTGGCTCAGCTTCAGGAGAAAGCTGAGCAGATCGCAGGCCGATGCTCCGCTTCTCCGTCTTC
TACCGCAACCATCACAAGGAGTACTTCGAGCATGCCAGGACCCACTGCGGGAACATGCTGCAGCCTTACC
TGAAGGACAACAGCGGCAGCCACGGCTCCCCACCGAGCGGTATGCTCCACGGGGTCTTCTTCAGCTGCAA
CACGGAGTTCAACACGGGCCAGCCCCGAGGACTCCCCCTACGGCCGCTGGCGCTTCCAGATCCCAGCT
CAGCGCCTCTTCAATCCCAGCACCAACCTCTACTTTGCGGACTTCTACTGCATGTACACGGCCTACCACT
ACGCCATCCTGGTGTGGCGCCCAAGGCTCCATGGGGGACCGCTTCTGCCGCGACCGCCGCCCTCCT
GGACATTGCTTCAACAAGTTCTCTGACCTGCAGCGTGGAGGATGGGAGCTGGTCTTCCGCCACGCCAG
GACCTCATCCTGGAGATCATCTACACTGAGCCGTCGACCTGTCCCTGGGCACCCTGGGGGAGATCAGTG
GGCACCAGCTCATGAGTCTGTCTACTGCCGATGCCAAGAAGGACCCAGCTGCAAGACCTGCAACATCAG
CGTGGGCCGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC205205 protein sequence Red=Cloning site Green=Tags(s) MELLSTPHSIEINNITCDSFSISWAMEDSDLERVTHYFIDLNKKENKNSNKFKHRDVPTKLVAKAVPLPM TVRGHWFLSPRTEYSVAVQTAVKQSDGEYLVSGWSETVEFCTGDYAKEHLAQLQEAEQIAGRMLRFSVF YRNHHKEYFEHARTHCGNMLQPYLKDN SGSHGSPTS GMLHGVFFSCNTEFNTGQPPQDSPYGRWRFQIPA QRLFN PSTNLYFADF YCMYTAYHYAILVLAPK GSMGDRFCRDRRPLLDIACNKFLTCSVEDGELVFRHAQ DLILEIIYTEPVDLSLGT LGEISGHQLMSLSTADAKKDP SCKTCNISVGR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_014759
ORF Size:	990 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_014759.2 , NP_055574.2
RefSeq Size:	3232 bp
RefSeq ORF:	993 bp
Locus ID:	9796
UniProt ID:	Q92561
Cytogenetics:	8p21.3
MW:	37.6 kDa