

Product datasheet for **RC205175A1V**

Human IPPK (NM_022755) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human IPPK (NM_022755) AAV Particle
Tag:	Myc-DDK
Symbol:	IPPK
Synonyms:	bA476B13.1; C9orf12; INSP5K2; IP5K; IPK1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205175 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAAGAGGGGAAGATGGACGAGAATGAATGGGGTACCACGGAGAGGGCAATAGAGCCTGGTGGTGG
 CCCACGCGCAGCGCTGCGTCTGCTGCGGTTTCTGAAGTTTCTCCAAATAGGAAGAAGACCTCGGAAGA
 GATATTTCAACACCTGCAGAACATAGTGGACTTTGGGAAAAATGTCATGAAGGAGTTTTTGGGGGAGAAC
 TATGTTTATTATGGGAGGTGCTTCAGCTACCTTTAGAGTTTGTGAAACAGCTTTGTTTAAAGATACAAT
 CTGAAAGACCAGAGTCTGCTGTGACAAGGACCTGGATACTCTCAGTGGTTACGCTATGTGCCTTCTCTAA
 TTTAACAGACTCCAAACCTACCGCTTTGCAGAGCACCAGGCGGATTCTGTGTGTAGAGATTAAGCCAAAA
 TGTGGGTTTATTCCTTTCTGAGTGATGTCACGCATGAGATGAAGCATAAGGTCTGTGATACTGCATGC
 ACCAGCACCTCAAGGTAGCAACTGGGAAGTGAAGCAGATCAGCAAATACTGTCCCTTGATCTCTACTC
 AGGAAACAAACAGAGAATGCACTTTGCCTTGAAGAGTTTGTGTCAGGAGGCACAGAACAACTTGAAGATA
 TTTAAGAAATGGTGAGCTGATTTACGGCTGCAAAGATGCCCGGAGCCCCGTGGCTGACTGGAGCGAGCTTG
 CACACCACCTGAAGCCGTTCTTCTTCCCTTCCAAACGGCCTGGCCAGTGGGCCCCACTGCAACAGGCTGT
 GATCAGGGAGCTGGTGCACGTGATCACACGGGTGCTGCTGAGTGGCTCGGACAAGGGCCGGGCAGGCACC
 CTGAGTCCGGGGCTCGGGCCTCAGGGCCCGCAGTCTGCGAAGCCAGCCCTTTCAGTAGGAGCCTTCGCT
 GCCAAGGAAAAACACCCAGAGCGCTCGGGGTACCGAAGGGCTGTCTTCTGTACAAAACCTCCAGGT
 GCAGATGTTGGACCTGCTGGACATCGAAGGCCTCTACCTCTGTACAACCGGTTGAGCGATACCTGGAA
 GAGTTTCCCGAGGAGAGAAAAACCTTACAAATAGATGGCCTTATGATGAAGCATTTTACCAGAAGCTGC
 TTGACCTTTCCACTGAGGATGACGGGACAGTGGCCTTCGCGCTAACGAAGGTGCAGCAGTACCGCGTCGC
 CATGACTGCCAAGGACTGCTCCATCATGATTGCACTGTCTCCCTGTCTGCAGGATGCCAGCTCTGATCAA
 AGGCCTGTGTCCTTTCATCGAGGTCCAGGTTTGCCTTTTCCGTGTCTGTGCTGGACCTTGACCTCAAGC
 CCTACGAGAGCATTCCCATCAGTATAAACTGGACGGCAAGATCGTCACTATTATTCAAAGACTGTACG
 TGCCAAAGACAACGCCGTGATGTCGACTCGGTTCAAGGAAAGCAAGATTGCACATTAGTTCTCCACAAG
 GTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205175 protein sequence
 Red=Cloning site Green=Tags(s)

MEEGKMDENEWGYHGEKNKSLVVAHAQRCVVLRLKFPNRRKKTSEEIFQHLQNIIVDFGKNVMKEFLGEN
 YVHYGEVVQLPLEFVKQLCLKIQSERPESRCDKDLDTLSGYAMCLPNLTRLQTYRFAEHRPILCVEIKPK
 CGFIPFSSDVTHEMKHKVCRYCMHQLKVATGKWKQISKYCPLDLYSGNKQRMHFALKSLLQEAQNNLKI
 FKNGELIYGCKDARSPVADWSELAHHLKPFPPSNGLASGPHCTRAVIRELVHVI TRVLLSGSDKGRAGT
 LSPGLGPQGPRVCEASPF SRSRLRCQGNTPERSGLPKGCLLYKTLQVQMLDLLDIEGLYPLYNRVERYLE
 EFPEERKTLQIDGPYDEAFYQKLLDLSTEDDGTVAFA LTKVQQYRVAMTAKDCSIMIALSPCLQDASSDQ
 RPVVPSSRSRFAFSVSVLDLDLPYESIPHQYKLDGKIVNYYSKTVRAKDNAVMSRKFKESEDCTLVLHK
 V

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_022755

ORF Size:

1473 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_022755.4</u>
RefSeq Size:	4401 bp
RefSeq ORF:	1476 bp
Locus ID:	64768
UniProt ID:	<u>Q9H8X2</u>
Cytogenetics:	9q22.31
MW:	56 kDa