

Product datasheet for **RC205323A1V**

Human ITPKA (NM_002220) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ITPKA (NM_002220) AAV Particle
Tag:	Myc-DDK
Symbol:	ITPKA
Synonyms:	IP3-3KA; IP3KA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC205323 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCCTGCCCGGGGGCCCAACGGGCATGGCGCGCCGGGGGGCGCGAGGCCCTGCAGCCCGGGGCTGG
 AGCGGGCCCCCGCAGGAGTGTGGGGAGCTGCGCCTGCTCTTCGAGGCGCGCTGTGCGGCGGTGCTGC
 GGCCCGCGCGCGGGGAGCCCCGGGCCCGCGGGGCCAAGCGGCGTGGGGACAGGTCCCCAACGGGCTT
 CAGCGGGCTCCCCGGCCCCGGTGATCCCTCAGCTGACCGTGACAGCCGAGGAGCCGACGTGCCCCGA
 CCAGCCCTGGGCGCGGAGCGGGAGAGGGACTGCCTCCCGCAGCGGGCTCTTCGACCTGCAGCAGCC
 GCGCGGCTTTCCACCTCGTCGGTCTCTCCACTGGCTCCTCGTCGCTGCTCGAGGACTCGGAGGACGAC
 CTGCTGAGCGACAGTGAGAGCCGAGCCGCGCAACGTGCAGCTGGAAGCGGGCGAGGACGTGGGTCAGA
 AAAACCACTGGCAGAAGATCCGACCATGGTCAATCTGCCGTCATAAGCCCTTTCAAGAAGCGTACGC
 CTGGGTGCAGCTGGCAGGGCACACTGGGAGTTTAAAGGCGCGGGCACCAGCGGGCTGATCCTGAAGCGC
 TGCTCGGAGCCGAGCGCTACTGCCTGGCGCGGCTGATGGCTGACGCGCTGCGCGGCTGCGTGCCTGCCT
 TCCACGGCGTGGTGGAGCGCGACGGCGAAAGCTACCTGCAGCTGCAGGACCTGCTCGATGGCTTCGACGG
 ACCTTGTGTGCTCGACTGCAAAATGGGCGTCAGGACTTACCTAGAGGAGGAGTGACCAAGGCCCGTGAG
 CGGCCCAAGCTGCGGAAGGACATGTACAAGAAATGCTGGCGGTGGATCCTGAAGCTCCACGGAGGAGG
 AGCACGCGCAGCGCGCGTCAACAAGCCGCGCTACATGCAGTGGCGGGAAGGCATCAGCTCCAGCACCAC
 CCTCGGCTTCCGATCGAGGGCATCAAGAAAGCGGACGGCTCCTGCAGCACCAGCTTCAAGACTACGCGA
 AGCCGAGAGCAGGTGCTTCGCGTCTTTGAAGAGTTTGTCAAGGAGATGAGGAAGTGTGAGGCGGTATC
 TGAACCGCTGCAGCAGATCCGGGACACCCTGGAGGTATCCGAGTTCTTCAGGAGGCACGAGGTGATCGG
 CAGCTCGCTCCTCTTTGTGACGATCACTGCCATCGCGCCGGCGTGTGGCTCATCGACTTCGGCAAGACC
 ACGCCCCCTCCCGATGGCCAGATCCTGGACCACCGCGGCCCTGGGAGGAGGGCAACCGCGAGGACGGCT
 ATTTGCTGGGGCTGGACAATCTCATTGGCATCTGGCCAGCCTGGCTGAGAGA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205323 protein sequence
 Red=Cloning site Green=Tags(s)

MTLPGGPTGMARPGGARPCSPGLERAPRRSVGELRLLFEARCAAVAAAAAAGEPRARGAKRRGGQVPNGL
 QRAPPAPVIPQLTVTAEEPDPPTSPGPPERERDCLPAAGSSHLQQPRRLSTSSVSSTGSSSLLLEDSEDD
 LLSDESRSRGNVQLEAGEDVGQKNHWQKIRTMVNLPIVSPFKKRYAWVQLAGHTGSFKAAGTSGILILKR
 CSEPERYCLARLMADALRGCVPAFHGVVERDGESYLQLQDLLDGFDPVLDCKMGVRTYLEEELTKARE
 RPKLRKDMYKMLAVDPEAPTEEEHAQRAVTKPRYMQWREGISSSTTLGFRIEIKKADGSCSTDFKTTR
 SREQVLRVFEFVQGDDEVLRRYLNRLQQIRDTELVSEFFRRHEVIGSSLLFVHDHCHRAGVWLIDFGKT
 TPLPDGQILDHRRPWEEGNREDGYLLGLDNLIGILASLAER

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_002220

ORF Size:

1383 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_002220.1</u>
RefSeq Size:	1864 bp
RefSeq ORF:	1386 bp
Locus ID:	3706
UniProt ID:	<u>P23677</u>
Cytogenetics:	15q15.1
MW:	51 kDa