

Product datasheet for **RC204537A1V**

Human ITPK1 (NM_014216) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ITPK1 (NM_014216) AAV Particle
Tag:	Myc-DDK
Symbol:	ITPK1
Synonyms:	ITRPK1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC204537 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCAGACCTTTCTGAAAGGGAAGAGAGTTGGCTACTGGCTGAGCGAGAAGAAAATCAAGAAGCTGAATT
TCCAGGCCTTCGCCGAGCTGTGCAGGAAGCGAGGGATGGAGGTTGTGCAGCTGAACCTTAGCCGGCCGAT
CGAGGAGCAGGGCCCCCTGGACGTCATCATCCACAAGCTGACTGACGTCATCCTTGAAGCCGACCAAGAT
GATAGCCAGTCCCTGGAGCTGGTGCACAGGTTCCAGGAGTACATCGATGCCACCCTGAGACCATCGTCC
TGGACCCGCTCCCTGCCATCAGAACCCTGCTTGACCGCTCCAAGTCCTATGAGCTCATCCGGAAGATTGA
GGCCTACATGGAAGACGACAGGATCTGCTCGCCACCCTTCATGGAGCTCACGAGCCTGTGCGGGGATGAC
ACCATGCGGCTGCTGGAGAAGAACGGCTTGACTTTCCATTTCATTTGAAAAACCAGAGTGGCTCATGGCA
CCAACCTCTCACGAGATGGCTATCGTGTTCACAGGAGGGCCTGAACGCCATCCAGCCACCCTGCGTGGT
CCAGAATTTTCATCAACCACAACGCCGCTCCTGTACAAGGTGTTCTGTTGGCGAGTCTACACCGTGGTC
CAGAGGCCCTCACTCAAGAACTTCTCCGAGGCACATCAGACCGTGAGTCCATCTTCTCAACAGCCACA
ACGTGTCAAAGCCGAGTCGTCATCGGTCTGACGGAGCTGGACAAGATCGAGGGCGTGTTCGAGCGGCC
GAGCGACGAGGTATCCGGGAGCTCTCCGGGCCCTGCGGCAGGCACTGGGCGTGTCACTCTTCGGCATC
GACATCATCATCAACAACCAGACAGGGCAGCAGCCGTCATTGACATCAATGCCTTCCCAGGCTACGAGG
GCGTGAGCGAGTTCTTCACAGACCTCCTGAACCACATCGCCACTGTCTGCAGGGCCAGAGCACAGCCAT
GGCAGCCACAGGGGACGTGGCCCTGCTGAGGCACAGCAAGCTTCTGGCCGAGCCGGCGGGCGGCTGGTG
GGCGAGCGGACATGCAGCGCCAGCCCCGGCTGCTGCGGCAGCATGATGGCCAGGACGCGCCCTGGAAGG
CTGAGGCCGACGCGGGCGGCACCGCCAAGCTGCCGACCCAGAGACTCGGCTGCAACGCCGGCGTGTCCGC
CAGTTCCAGCAGCATTGTGTGGCTCCCTGGCCACCAAGGCCTCCTCCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC204537 protein sequence Red=Cloning site Green=Tags(s) MQTFLKGKRVGYWLSEKKIKKLNFAELCRKRGMEVVQLNLSRPIEEQGGLDVIIHKLTDVILEADQN DSQSLELVHRFQEYIDAHPETIVLDPLPAIRTLDRSKSYELIRKIEAYMEDDRICSPPFMELTSKCGDD TMRLLKKNGLTFPFICKTRVAHGTNSHEMAIVFNQEGLNAIQPPCVVQNFINHNAVLYKVFVVGESYTVV QRPSLKNFSAGTSDRESIFFNSHNVSKEPSSSVLTEDKIEGVFERPSDEVIRELSRALRQALGVSLFGI DIIINNQTGQHAVIDINAFPGYEGVSEFFDLLNHIATVLQGGSTAMAATGDVALLRHSKLLAEPAGGLV GERTCSASPGCCGSMGQDAPWKAEDAGGTAKLPHQRLGCNAGVSPSFQQHCVASLATKASSQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_014216
ORF Size:	1242 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_014216.3
RefSeq Size:	3385 bp
RefSeq ORF:	1245 bp
Locus ID:	3705
UniProt ID:	Q13572
Cytogenetics:	14q32.12
MW:	45.6 kDa