

Product datasheet for **RC209721A1V**

Human TPK1 (NM_022445) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TPK1 (NM_022445) AAV Particle
Tag:	Myc-DDK
Symbol:	TPK1
Synonyms:	HTPK1; PP20; THMD5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC209721 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAGCATGCCTTTACCCCGTTGGAGCCCTGCTTTCCACTGGGAATTTGAAGTACTGCCTTGAATTC
TTAATCAGCCTTTGGACAACCTATTTTCGTCATCTTTGGAACAAAGCTCTTTAAGAGCCTGTGCCGATGG
AGGTGCCAACCGCTTATATGATATACCGAAGGAGAGAGAGAAAGCTTTTGCCTGAATTCATCAATGGA
GACTTTGATTCTATTAGGCCTGAAGTCAGAGAATACTATGCTACTAAGGGATGTGAGCTCATTTCAACTC
CTGATCAAGACCACACTGACTTTACTAAGTGCCTTAAATGCTCCAAAAGAAGATAGAAGAAAAAGACTT
AAAGGTTGATGTGATCGTGACACTGGGAGGCCTTGCTGGGCGTTTTGACCAGATTATGGCATCTGTGAAT
ACCTTGTTCCAAGCGACTCACATCACTCCTTTTCCAATTATAATAATCCAAGAGGAATCGCTGATCTACC
TGCTCCAACCAGGAAAGCACAGGTTGCATGTAGACACTGGAATGGAGGGTGATTGGTGTGGCCTTATTCC
TGTTGGACAGCCTTGATGTCAGGTTACAACCACAGGCCTCAAGTGGAACCTCACAAATGATGTGCTTGCT
TTTGGAACATTGGTCAGTACTTCCAATACCTACGACGGGTCTGGTGTGTGACTGTGGAACTGACCACC
CACTCCTCTGGACCATGGCCATCAAAAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC209721 protein sequence Red=Cloning site Green=Tags(s) MEHAFTPLEPLLSTGNLKYCLVILNQPLDNYFRHLWNKALLRACADGGANRLYDITEGERESFLPEFING DFDSIRPEVREYYATKGCELISTPDQDHTDFTKCLKMLQKKIEEKDLKVDVIVTLGGLAGRFDQIMASVN TLFQATHITPFPPIIIIEESLIYLLQPGKHRLHVDTGMEGDWCGLIIPVGQPCSQVTTTGLKWNLTNDVLA FGTLVSTSNYDGGSGVTVETDHPLLWTMAIKS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_022445
ORF Size:	729 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_022445.3</u>
RefSeq Size:	2449 bp
RefSeq ORF:	732 bp
Locus ID:	27010
UniProt ID:	<u>Q9H3S4</u>
Cytogenetics:	7q35
MW:	27.2 kDa