

Product datasheet for **RC223873A1V**

Human ATP5F1C (NM_005174) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ATP5F1C (NM_005174) AAV Particle
Tag:	Myc-DDK
Symbol:	ATP5F1C
Synonyms:	ATP5C; ATP5C1; ATP5CL1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC223873 representing NM_005174 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTTCTCTCGCGGGGTGCTGCTGGGCTGTCGGCCTGGACCTTGCAGCCGAATGGATTCAAGTTCGAA
ATATGGCAACTTTGAAAGATATCACCAGGAGACTAAAGTCCATCAAAACATCCAGAAAATTACCAAGTC
TATGAAATGGTAGCGGCAGCAAAATATGCCGAGCTGAGAGAGAGCTGAAACCAGCTCGAATATATGGA
TTGGGATCTTTAGCTCTGTATGAAAAAGCTGATATCAAGGGGCCTGAAGACAAGAAGAAACACCTCCTTA
TTGGTGTGTCCTCAGATCGAGGACTGTGTGGTCTATTCTCCATTGCTAAACAGATGAAAAGCGA
GGTTGCTACACTAACAGCAGCTGGGAAAGAAGTTATGCTTGTGGAAATTGGTGACAAAATCAGAGGCATA
CTTTATAGGACTCATTCTGACCAGTTTCTGGTGGCATTCAAAGAAGTGGGAAGAAAGCCCCCACTTTTG
GAGATGCGTCAGTCATTGCCCTTGAATTACTAAATTCTGGATATGAATTTGATGAAGGCTCCATCATCTT
TAATAAATTCAGGTCTGTCTCTCTATAAGACAGAAGAAAGCCCATCTTTCCCTTAATACCGTTGCA
AGTGCTGACAGCATGAGTATCTATGACGATATTGATGCTGACGTGCTGCAAAATTACCAAGAATACAATC
TGGCCAACATCATCTACTACTCTCTGAAGGAGTCCACCACTAGTGAGCAGAGTGCCAGGATGACAGCCAT
GGACAATGCCAGCAAGAATGCTTCTGAGATGATTGACAAATTGACATTGACATTCAACCGTACCCGCCAA
GCTGTCATCACAAAAGAGTTGATTGAAATTATCTCTGGTCTGCAGCTCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC223873 representing NM_005174 Red=Cloning site Green=Tags(s) MFSRAGVAGLSAWTLQPQWIQVRNMATLKDITRRLKSIKNIQKITKSMKMVAAKYARAERELKPARIYG LGSLALYEKADIKGPEDKKKHLIGVSSDRGLCGAIHSSIAQMKSEVATLTAAGKEVMLVGIGDKIRGI LYRTHSDQFLVAFKEVGRKPPTFGDASVIALELLNSGYEFDEGSIIFNKFRSVISYKTEEKPIFSLNTVA SADSMIYDDIDADVLQNYQEYNLANIIYYSLKESTTSEQSARMTAMDNASKNASEMIDKLTLTFRNRTRQ AVITKELIEIISGAAAL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005174
ORF Size:	891 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_005174.2</u>
RefSeq Size:	1125 bp
RefSeq ORF:	894 bp
Locus ID:	509
UniProt ID:	<u>P36542</u>
Cytogenetics:	10p14
MW:	32.88 kDa