

Product datasheet for **RC201144A1V**

Human Phosphoribosyl pyrophosphate amidotransferase (PPAT) (NM_002703) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Phosphoribosyl pyrophosphate amidotransferase (PPAT) (NM_002703) AAV Particle
Tag:	Myc-DDK
Symbol:	Phosphoribosyl pyrophosphate amidotransferase
Synonyms:	ATASE; GPAT; PRAT
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201144 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAGCTGGAGGAGTTGGGATCCGAGAGGAATGTGGCGTGTTCGGTGCATCGCCTCAGGAGAGTGGC
 CCACGCAGCTGGATGTACCGCATGTGATCACTCTGGGACTCGTGGGGCTGCAGCACCGGGGTGAGGAGAG
 TGCTGGTATTGTGACTAGTGATGGGAGTTCCTGCCAACATTCAAATCACACAAGGGAATGGGTCTTGTA
 AATCACGTCTTTACTGAAGACAATTTGAAAAATTATATGTTTCAAATCTTGAATTGGACACACCAGGT
 ATGCCACCACAGGAAAAATGGAAGTAAATGCTGCTCGATTAAGGAAAAAGCTTCTGCGTCATGGTATT
 AGCTGTGGCACATAATGGCGAATTGGTAAATGCTGCTCGATTAAGGAAAAAGCTTCTGCGTCATGGTATT
 GGTCTGTCTACAAGTTCTGATAGTGAATGATTACCCAGTTACTGGCGTATACCCCTCCTCAGGAACAAG
 ATGACACCCAGACTGGGTAGCCAGGATTAATAAATGATGAAGGAAGCACCCACAGCATACTCCCTGCT
 TATAATGCACAGAGATGTTATTTATGCAGTACGAGATCCTTATGGAAATCGTCCCTTATGCATTGGTCTG
 CTTATTCAGTGTCTGATATAAATGACAAAGAGAAAAAATCATAGAAACAGAAAGGATGGGTGGTCTT
 CAGAATCTGTAGCTTCTTATCTATTGGTGAAGATATTACCGTGAAGTCTTGCCTGGAGAAATTGTGGA
 AATATCCAGACACAATGTCCAACTCTTGATATTATATCAAGGCTGAAGGAAACCCAGTGGCTTTTTGT
 ATCTTTGAATATGTTATTTTGAAGACCAGACAGTATGTTTGAAGACCAATGGTTTATACAGTAAAGT
 ACCGTTGTGGCCAGCAGCTAGCGATTGAAGCACCTGTGGATGCAGATTTGGTTAGCACTGTTCCAGAATC
 TGCTACGCCTGCTGCTTGTCTACGCAGGAAAGTGTGGACTTCCATATGTGGAGGTGCTGTGAAAAAC
 CGGTATGTAGGGAAGAACCTTCAATCAGCCAAACATGAGGTTAAGACAACCTGGTGTGCAAAAAAATTTG
 GAGTATGTGAGACAACCTTAAAGGCAAAAGAATTGTTCTTGTAGATGATTCAATTGTGCAAGGCAATC
 CATCTCACCTATAATAAACTGCTCAAAGAATCTGGTGAAGAGGTACACATTCGAGTAGCTTACCA
 CCAATTAATATCCATGCTTCTAGGAAATAAACATTCCTACAAAAGAAGAGCTCATTGCCAATAAACAG
 AATTTGATCACCTGCAGAAATCTAGGAGCAACAGTGTGTATCTGTGAGTGAAGGACTGGTTTC
 ATCTGTACAAGAAGGGATAAAGTTTAAAAACAGAAAGAGAAAAAGCACGATATTATGATCCAAGAAAA
 GGAAATGGTCTGGAAATGTTTGAAGAGAGTGGTATTGTACAGCTTGTCTCACTGGAAAAATCTCTGTAG
 AATTAGAATGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAAGTTTAA

Protein Sequence:

>RC201144 protein sequence
 Red=Cloning site Green=Tags(s)

MELEELGIREECGVFGCIASGEWPTQLDVPVITLGLVGLQHRGQESAGIVTSDGSSVPTFKSHKMGMLV
 NHVFTEDNLKLYVSNLGIHTRYATTGKCELENCQPFVETLHGKIAVAHNGELVNAARLRKLLRHGI
 GLSTSSDSEMITQLLAYTPPQEQQDDTPDWVARIKNLMKEAPTAYSLLIMHRDVIYAVRDPYGNRPLCIGR
 LIPVSDINDKEKKTSETEGWVVSSESCSFLSIGARYYREVLPEIVEISRHNVTLDIISRSEGNPVAFC
 IFEYVYFARPDMSFEDQMVYTVYRRCGQLAIEAPVDADLVSTVPESATPAALAYAGKCGLPYVEVLCKN
 RYVGRFTIQPNMRLRQLGVAKKFGVLSDFKGRIVLVDDSIVRGNTISPIIKLLKESGAKEVHIRVASP
 PIKYPFCMGINIPTKEELIANKPEFDHLAEYLGANSVVYLSVEGLVSSVQEGIKFKKQEKKHDIMIQEN
 GNGLECFEKS GHCTACLTKYVPELEW

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_002703

ORF Size:

1551 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_002703.3</u>
RefSeq Size:	3713 bp
RefSeq ORF:	1554 bp
Locus ID:	5471
UniProt ID:	<u>Q06203</u>
Cytogenetics:	4q12
MW:	57.4 kDa