

Product datasheet for **RC205509A1V**

Human GPAM (NM_020918) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GPAM (NM_020918) AAV Particle
Tag:	Myc-DDK
Symbol:	GPAM
Synonyms:	GPAT; GPAT1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC205509 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATGAATATGCACTGACCCTTGGTACAATAGATGTTTCTTATCTGCCACATTCATCAGAATACAGTG
 TTGGTCGATGTAAGCACACAAGTGAGGAATGGGGTGAGTGTGGCTTTAGACCCACCATCTTCAGATCTGC
 AACTTTAAATGGAAAGAAAGCCTAATGAGTCGAAAAGGCCATTTGTTGGAAGATGTTGTTACTCCTGC
 ACTCCCCAGAGCTGGGACAAATTTTCAACACCAGTATCCCGTCTTTGGGTTTGCGGAATGTTATTTATA
 TCAATGAAACTCACACAAGACACCGGGATGGCTTGAAGACGCCCTTTCTTACGTTCTTTTTATTCAAGA
 GCGAGATGTGCATAAGGGCATGTTTGCACCAATGTGACTGAAAATGTGCTGAACAGCAGTAGAGTACAA
 GAGGCAATTGCAGAAGTGGTGTGAATTAACCCCTGATGGTTCTGCCAGCAGCAATCAAAAGCCGTTA
 ACAAAGTAAAAAGAAAGCTAAAAGGATTCTTCAAGAAATGGTTGCCACTGTCTACCGGCAATGATCAG
 ACTGACTGGGTGGTGTGCTAAAAGTGTCAACAGCTTCTTTTGAACATTCAAATTCACAAAGGTCAA
 CTTGAGATGGTTAAAGCTGCAACTGAGACGAATTTGCCGCTTCTGTTTCTACCAGTTCATAGATCCCAT
 TTGACTATCTGCTGCTCACTTTCATTCTCTTCTGCCATAACATCAAAGCACCATACATTGCTTCAGGCAA
 TAATCTCAACATCCCAATCTTCAGTACCTTGATCCATAAGCTTGGGGGCTTCTTCATACGACGAAGGCTC
 GATGAAACACCAGATGGACGGAAGATGTTCTCTATAGAGCTTGGCTCCATGGGCATATAGTTGAATTAC
 TTCGACAGCAGCAATCTTGGAGATCTTCTGGAAGGCACACGTTCTAGGAGTGGAAAAACCTCTGTGCT
 TCGGGCAGGACTTTTGTAGTGTGGTAGACTCTGTCTACCAATGTCATCCAGACATCTTGATAATA
 CCTGTTGGAATCTCCTATGATCGCATTATCGAAGGTCACTACAATGGTGAACAACTGGGCAACCTAAGA
 AGAATGAGAGCCTGTGGAGTGTAGCAAGAGGTGTTATTAGAATGTTACGAAAAAACTATGGTTGTGTCCG
 AGTGGATTTTGCACAGCAATTTTCCCTTAAAGGAATATTTAGAAAGCCAAAGTCAGAAACCGGTGCTGCT
 CTACTTTCCCTGGAGCAAGCGTTGTACCAGCTATACTTCCCTCAAGACCCAGTGTGCTGCTGATGAAG
 GTAGAGACACGTCCATTAATGAGTCCAGAAATGCAACAGATGAATCCCTACGAAGGAGGTGATTGCAAA
 TCTGGCTGAGCATATTCTATTCACTGCTAGCAAGTCTGTGCCATTATGTCCACACACATTGTGGCTTGC
 CTGCTCCTCTACAGACACAGGCAGGGAATTGATCTCTCCACATTGGTGAAGACTTCTTTGTGATGAAAG
 AGGAAGTCTGGCTCGTATTTTACCTGGGGTCTCAGGAAATTCAGAAGATGTAGTAATGCATGCCAT
 ACAGCTGCTGGGAAATGTGTCAATCACCCACACTAGCAGGAACGATGAGTTTTTATCACCCCCAGC
 ACAACTGTCCCATCAGTCTTGAAGTCACTTCTACAGCAATGGGGTACTTCATGTCTTTATCATGGAGG
 CCATCATAGCTTGCAGCCTTTATGCAGTCTGAACAAGAGGGGACTGGGGGGTCCCACTAGCACCCACC
 TAACCTGATCAGCCAGGAGCAGCTGGTGCAGGAAGGCGGCCAGCCTGTGCTACCTTCTCTCAATGAAGGC
 ACCATCTCACTGCCTTGGCAGACATTTTACCAAGTCTGCCATGAAACAGTAGGAAAGTTTATCCAGTATG
 GCATTCTTACAGTGGCAGACAGATGACCAGGAAGATATCAGTCCTAGTCTTGTGAGCAGCAGTGGGA
 CAAGAAGCTTCCAGAACCTTTGTCTTGGAGAAGTGTGAAGAAGATGAAGACAGTGACTTTGGGGAGGAA
 CAGCGAGATTGCTACCTGAAGGTGAGCCAATCCAAGGAGCACCAGCAGTTTATCACCTTCTTACAGAGAC
 TCCTTGGGCCTTTGCTGGAGGCCTACAGCTCTGCTGCCATCTTTGTTCAAACTTCAGTGGTCTGTTC
 AGAACCCTGAGTATCTGAAAAGTTGCACAAATACCTAATAACCAGAACAGAAAGAAATGTTGCAGTATAT
 GCTGAGAGTGCCACATATTGTCTTGTGAAGAATGCTGTGAAAATGTTTAAGGATATTGGGGTTTTCAAGG
 AGACCAAAACAAAAGAGAGTGTCTGTTTTAGAACTGAGCAGCACTTTTCTACCTCAATGCAACCGACAAAA
 ACTTCTAGAATATATTCTGAGTTTTGTGGTGTCTG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC205509 protein sequence Red=Cloning site Green=Tags(s) MDEYALTLGTIDVSYLPHSSEYSVGRCKHTSEEWGECGFRPTIFRSATLKWKESLMSRKRPFVGRCCYSC TPQSWDKFFNTSIPSLGLRNVIYINETHTRHRGWLARRLSYVLFIQERDVHKGMFATNVTVNLNSSRVQ EAIAEVAEALNPDGSAQQQSKAVNKVKKKAKRILQEMVATVSPAMIRLTGWVLLKLFNSFFWNIQIHKGQ LEMVKAATETNLPLLLFVHRSHIDYLLLTFFILFCHNIKAPYIASGNNLNIPFSTLIHKLGGFFIRRRRL DETPDGRKDVLYRALLHGHIVELLRQQQFLEIFLEGTRSRSGKTSCARAGLLSVVVDLSTNVIPDILII PVGISYDRIIEGHYNGEQLGKPKKNESLWSVARGVIRMLRKNYGCVRVDFAPFSLKEYLESQSQKPVSA LLSLEQALLPAILPSRPSDADEGRDTSINESRNATDESLRRRLIANLAEHILFTASKSCAIMSTHIVAC LLL YRHRQGIDLSTLVEDFFVMKEEVLARDFDLGFGSNGSEDDVMHAIQLLGNCVTITHTSRNDEFFITPS TTVPSVFELNFYSNGVLHVFIMEAIIACSLYAVLNKRGLGGPTSTPPNLISQQLVRKAASLCYLLSNEG TISLPCQTFYQVCHETVGKFIQYGILTVAEHDDQEDISPSLAEQQWDKKLPEPLSWRSDEEDEDSDFGEE QRDCYLKVSQSKEHQQFITFLQRLGPLEAYSSAAIFVHNFSGPVPEPEYLQKLHKYLITRTERNVAVY AESATYCLVKNVAVKMFKDIGVFKETKQKRVSVLELSSSTFLPQCNRQKLLEYILSFVVL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_020918
ORF Size:	2484 bp
Buffer:	PBS with 0.001% Pluronic F5717
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_020918.2
RefSeq Size:	6402 bp
RefSeq ORF:	2487 bp
Locus ID:	57678
UniProt ID:	Q9HCL2
Cytogenetics:	10q25.2
MW:	93.9 kDa