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Product datasheet for RC233147A1V

Human GPAM (NM_001244949) AAV Particle

Product data:

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

View online »

ORF Nucleotide Sequence:

>RC233147 representing NM_001244949
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGATGAATCTGCACTGACCCTTGGTACAATAGATGTTTCTTATCTGCCACATTCATCAGAATACAGTG
TTGGTCGATGTAAGCACACAAGTGAGGAATGGGGTGAGTGTGGCTTTAGACCCACCATCTTCAGATCTGC
AACTTTAAAATGGAAAGAAAGCCTAATGAGTCGGAAAAGGCCATTTGTTGGAAGATGTTGTTACTCCTGC
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TCCTTGGGCCTTTGCTGGAGGCCTACAGCTCTGCTGCCATCTTTGTTCACAACTTCAGTGGTCCTGTTCC
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ACTTCTAGAATATATTCTGAGTTTTGTGGTGCTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC233147 representing NM_001244949
Red=Cloning site Green=Tags(s)

MDESALTLGTIDVSYLPHSSEYSVGRCKHTSEEWGECGFRPTIFRSATLKWKESLMSRKRPFVGRCCYSC
TPQSWDKFFNPSIPSLGLRNVIYINETHTRHRGWLARRLSYVLFIQERDVHKGMFATNVTENVLNSSRVQ
EAIAEVAAELNPDGSAQQQSKAVNKVKKKAKRILQEMVATVSPAMIRLTGWVLLKLFNSFFWNIQIHKGQ
LEMVKAATETNLPLLFLPVHRSHIDYLLLTFILFCHNIKAPYIASGNNLNIPIFSTLIHKLGGFFIRRRL
DETPDGRKDVLYRALLHGHIVELLRQQQFLEIFLEGTRSRSGKTSCARAGLLSVVVDTLSTNVIPDILII
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LLSLEQALLPAILPSRPSDAADEGRDTSINESRNATDESLRRRLIANLAEHILFTASKSCAIMSTHIVAC
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TTVPSVFELNFYSNGVLHVFIMEAIIACSLYAVLNKRGLGGPTSTPPNLISQEQLVRKAASLCYLLSNEG
TISLPCQTFYQVCHETVGKFIQYGILTVAEHDDQEDISPSLAEQQWDKKLPEPLSWRSDEEDEDSDFGEE
QRDCYLKVSQSKEHQQFITFLQRLLGPLLEAYSSAAIFVHNFSGPVPEPEYLQKLHKYLITRTERNVAVY
AESATYCLVKNAVKMFKDIGVFKETKQKRVSVLELSSTFLPQCNRQKLLEYILSFVVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001244949

ORF Size: 2484 bp

Buffer: PBS with 0.001% Pluronic F10185

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_001244949.1

RefSeq Size: 6406 bp

RefSeq ORF: 2487 bp

Locus ID: 57678

UniProt ID: Q9HCL2

Cytogenetics: 10q25.2

MW: 94.2 kDa