

Product datasheet for **RC216741A1V**

Human GAMT (NM_138924) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human GAMT (NM_138924) AAV Particle
Tag: Myc-DDK
Symbol: GAMT
Synonyms: CCDS2; HEL-S-20; PIG2; TP53I2
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC216741 representing NM_138924
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGCGCCCCAGCGGACCCCATCTTCGCGCCCGGCGAGAAGTGCAGCCCCGCGTGGGGGGCGGGCGC
CCGCGGCTACGACGCAGCGGACACGCACCTGCGCATCCTGGGCAAGCCGGTATGGAGCGCTGGGAGAC
CCCCTATATGCACGCGCTGGCCGCCGCCCTCCTCAAAGGGGGCCGGTCTGGAGGTGGGCTTTGGC
ATGGCCATCGCAGCGTCAAAGGTGCAGGAGGCGCCATTGATGAGCATTGGATCATCGAGTGAATGACG
GCGTCTCCAGCGGCTCCGGGACTGGCCCCACGGCAGACACACAAGGTATCCCCTTGAAGGCCCTGTG
GGAGGATGTGGCACCCACCTGCCTGACGGTCACTTTGATGGGATCCTGTACGACACGTACCCACTCTCG
GAGGAGACCTGGCACACACACCAGTTCAACTTCATCAAGAACCACGCCTTTCGCCTGCTGAAGCCGGGG
GCGTCCTCACCTACTGCAACCTCACCTCCTGGGGGAGCTGATGAAGTCCAAGTACTCAGACATACCAT
CATGTTTGAGGTGCGCCACCTGAAGTTCCTCATGGGTCTCCAGGAAGTACCTTGGATGGGGTGGGAA
GGGGCTGCTGGAGCCACCTTGCTACCTGGGGAGGGTCCCTTCTGACCCCTGGGTGGGCTGGACTGTGC
TGTTTCATTTAGAAATCAAAGTCTTTGCTGGCGCAGTGGCTGCCAGGAGCAGTGGCTCAGGTCTATAA
TCCAGCACTGTGAAGGCCGAGGTGGCAGATTGCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC216741 representing NM_138924 Red=Cloning site Green=Tags(s) MSAPSATPIFAPGENCSPA WGAAPAAAYDAADTHLRILGKPVMERWETPYMHALAAAASSKGGRVLEVGFG MAIAASKVQEAPIDEHWIIECNDGVFQRLRDWAPRQTHKVIPLKGLWEDVAPTLPDGHFDGILYDTYPLS EETWHTHQFNFIKNHAFRLKPGGVLTYCNLTSWELMKSKYSDITIMFEVRRPPEVPHGSPGSDLGWGWE GAAGATLLPGEGPFLTPWVGWTVLVHLEIKVLCLAQWLPGAVAQVYNPSTVEGRGGQIA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_138924
ORF Size:	807 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_138924.2</u>
RefSeq Size:	1787 bp
RefSeq ORF:	810 bp
Locus ID:	2593
UniProt ID:	<u>Q14353</u>
Cytogenetics:	19p13.3
MW:	29.8 kDa