

Product datasheet for **RC208771A1V**

Human GDA (NM_004293) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GDA (NM_004293) AAV Particle
Tag:	Myc-DDK
Symbol:	GDA
Synonyms:	CYPIN; GAH; GUANASE; NEDASIN
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC208771 representing NM_004293
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTGTGCCGCTCAGATGCCGCCCTGGCGCACATCTCCGAGGGACGTTCTGCTCACTCCACCTGGACCT
 GCCCCATGGAGGTGCTGCGGGATCACCTCCTCGCGTGAGCGACAGCGCAAAATAGTGTGTTTGAAGA
 AGCATCTCAACAGGAAAACTGGCCAAAGAATGGTGCTTCAAGCCGTGTGAAATAAGAGAACTGAGCCAC
 CATGAGTCTTCATGCCTGGGCTGGTTGATACACATCCATGCCTCTCAGTATTCCTTTGCTGGAAGTA
 GCATAGACCTGCCACTCTGGAGTGGCTGACCAAGTACACATTCCTGCAGAACACAGATTCCAGAACAT
 CGACTTTGCAGAAGAAGTATATACCAGAGTTGTCAGGAGAACACTAAAGAATGGAACAACCACAGCTTGT
 TACTTTGCAACAATTCACACTGACTCATCTGCTCCTTGCCGACATTACAGATAAATTTGGACAGCGGG
 CATTTGTGGGCAAGTTTGCATGGATTTGAATGACACTTTTCCAGAATACAAGGAGACCAGTGGGAATC
 GATCAAGGAACTGAGAGATTTGTGTCAGAAATGCTCCAAAAGAACTATTCTAGAGTGAAGCCCATAGTG
 ACACCAGTTCCTCTCCTGCTCTGAGACTTTGATGGGTGAAGTGGCAACATTGCTAAAACCCGTG
 ATTTGCACATTCAGAGCCATATAAGTGAATCGTGATGAAGTTGAAGCTGTGAAAACTTATACCCAG
 TTATAAACTACACATCTGTGTATGATAAAACAATCTTTTGACAAATAAGACAGTGTGGCACACGGC
 TGCTACCTCTCTGCAGAAGAACTGAACGTATTCATGAACGAGGAGCATCCATCGCACACTGTCCAATT
 CTAATTTATCGCTCAGCAGTGGATTTCTAAATGTGCTAGAAGTCTGAAACATGAAGTCAAGATAGGGCT
 GGGTACAGACGTGGCTGGTGGCTATTCATATTCATGCTTGATGCAATCAGAAGAGCAGTGTGGTTTCC
 AATATCCTTTTAATTAAGGTAATGAGAAAAGCCTCACCTCAAAGAAGTCTTCAGACTAGTACTC
 TTGGAGGAAGCAAGCCCTGGGCTGGATGGTGAGATTGAAACTTTGAAGTGGGCAAGGAATTTGATGC
 CATCCTGATCAACCCCAAGCATCCGACTCTCCATTGACCTGTTTTATGGGGACTTTTTTGGTGATATT
 TCTGAGGCTGTTATCCAGAAGTCTCTATCTAGGAGATGATCGAAATATTGAAGAGGTTTATGTGGCG
 GAAAGCAGGTGGTTCCGTTTTCCAGCTCAGTG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MCAQMPLAHIFRGTFVHSTWTCMEVLRDHLGVSDSGKIVFLEEASQQEKLAKWCFKPCEIRELSH
 HEFFMPGLVDTHIASQYSFAGSSIDLPLEWLTGYTFPAEHRFQNIIDFAEEVYTRVVRRLKNGTTTAC
 YFATIHTDSSLLADITDKFGQRAFGKVCMDLNDTFPEYKETTESIKETERFVSEMLQKNYSRVKPIV
 TPRFSLSCSETLMGELGNIKTRDLHIQSHISENRDEVEAVKNLYPSYKNYTSVYDKNLLTNKTVMAHG
 CYLSAEELNVFHERGASIAHCPNSNLSLSSGFLNVLEVLKHEVKIGLGTDVAGGYSYMLDAIRRAVMVS
 NILLINKVNEKSLTLKEVFRLATLGGSQALGLDGEIGNFEVGKEFDAILINPKASDSPIDLFGDFFGDI
 SEAVIQKFLYLGDNRNIEEVYVGKQVVPFSSSV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_004293

ORF Size:

1362 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_004293.3</u>
RefSeq Size:	5430 bp
RefSeq ORF:	1365 bp
Locus ID:	9615
UniProt ID:	<u>Q9Y2T3</u>
Cytogenetics:	9q21.13
MW:	50.8 kDa