

Product datasheet for **RC206265A1V**

Human Glutaminase (GLS) (NM_014905) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Glutaminase (GLS) (NM_014905) AAV Particle
Tag:	Myc-DDK
Symbol:	GLS
Synonyms:	AAD20; CASGID; DEE71; EIEE71; GAC; GAM; GDPAG; GLS1; KGA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC206265 representing NM_014905
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

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 AAAAAAATTTGATCCTCGAAGAGAAGGTGGTGTCAAAGGTAAGTCAGTGATAAATCTTTTGTGTTGCT
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 ATGATTCTAGAACAGCACTCCATGTAGCTGCTGCAGAGGGTCATGTTGAAGTTGTTAAATTTTGTGTTGGA
 AGCCTGCAAAAGTAAACCTTTTCCCAAGGACAGGTGGAATAAAGTCCCATGGATGAAGCACTGCACTTT
 GGACACCATGATGTATTTAAATTTCTCAAGAATACCAAGTCCAGTACACACCTCAAGGAGATTCTGACA
 ACGGGAAGGAAATCAACAGTCCATAAGAATCTTGATGGATTGTTG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC206265 representing NM_014905 Red=Cloning site Green=Tags(s) MMRLRGSGMLRDLLLRSPAGVSATLRRRAQPLVTLCRRPRGGGRPAAGPAAAAARLHPWWGGGGWPAEPLAR GLSSSPSEILQELGKGSTHPQPGVSPPAAPAAPGPKDGPGETDAFGNSEGKELVASGENKIKQGLLPSE DLLFYTIAEGQEKIPVHKFITALKSTGLRTSDPRLKECMDMLRLTLQTTS DGVM LDKDLFKKCVQSNIVL LTQAFRRKFVIPDFMSFTSHIDELYESAKKQSGGKVADYIPQLAKFSPDLWGVSVCTVDGQRHSTGDTKV PFCLQSCVKPLKYAIAVNDLGTEYVHRYVVGKEPSGLRFNKLFLNEDDKPHNPMVNAGAI VVTS LIKQGVN NAEKFDYVMQFLNKMAGNEYVGF SNATFQSERESGDRNFAIGYYLKEKKCFPEGTDMVGILDYFYQLCSI EVTCEASVMAATLANGGFCPITGERVLSPEAVRNTLSLMHSCGMYDFSGQFAFHVGLPAKSGVAGGILL VVPNVMGMMCWSPPLDKMGNSVKGIHFCHDLVSLCNFHNYDNL RHF AKKLDPRREGGDQRYKSVINLLFA AYTGDVSALRRFALSAMDMEQRDYDSRTALHVA AAE GHVEVVKFLL EACKVNPFPKDRWNNTPMDEALHF GHHDVFKILQEYQVQYTPQGSDNGKENQTVHKNDGLL SGPTRRRL EQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_014905
ORF Size:	2007 bp
Buffer:	PBS with 0.001% Pluronic F5857
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_014905.2</u>
RefSeq Size:	4799 bp
RefSeq ORF:	2010 bp
Locus ID:	2744
UniProt ID:	<u>O94925</u>
Cytogenetics:	2q32.2
MW:	73.3 kDa