

Product datasheet for **RC204161A1V**

Human Glutamine Synthetase (GLUL) (NM_002065) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Glutamine Synthetase (GLUL) (NM_002065) AAV Particle
Tag:	Myc-DDK
Symbol:	Glutamine Synthetase
Synonyms:	GLNS; GS; PIG43; PIG59
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC204161 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGACCACCTCAGCAAGTTCCCACTTAAATAAAGGCATCAAGCAGGTGTACATGTCCCTGCCTCAGGGTG
AGAAAGTCCAGGCCATGTATATCTGGATCGATGGTACTGGAGAAGGACTGCGCTGCAAGACCCGGACCCT
GGACAGTGAGCCCAAGTGTGTGAAGAGTTGCCTGAGTGAATTTTCGATGGCTCCAGTACTTTACAGTCT
GAGGGTTCCAACAGTGACATGTATCTCGTGCCTGCTGCCATGTTTCGGGACCCCTTCCGTAAGGACCCTA
ACAAGCTGGTGTATGTGAAGTTTCAAGTACAATCGAAGGCCTGCAGAGACCAATTTGAGGCACACCTG
TAAACGGATAATGGACATGGTGAGCAACCAGCACCCCTGGTTTGGCATGGAGCAGGAGTATACCCCTCATG
GGGACAGATGGGCACCCCTTTGGTTGGCCTTCCAACGGCTTCCAGGGCCCCAGGGTCCATATTACTGTG
GTGTGGGAGCAGACAGAGCCTATGGCAGGGACATCGTGGAGGCCATTACCGGGCCTGCTTGTATGCTGG
AGTCAAGATTGCGGGGACTAATGCCGAGGTGATGCCTGCCAGTGGGAATTTAGATTGGACCTTGTGAA
GGAATCAGCATGGGAGATCATCTCTGGTGGCCGTTTCATCTGCATCGTGTGTGAAGACTTTGGAG
TGATAGCAACCTTTGATCCTAAGCCATTCTGGGAAGTGAATGGTGCAGGCTGCCATACCAACTTCAG
CACCAAGGCCATGCGGGAGGAGAATGGTCTGAAGTACATCGAGGAGGCCATTGAGAACTAAGCAAGCGG
CACCAGTACCACATCCGTGCCTATGATCCCAAGGAGGCCTGGACAATGCCGACGTCTAACTGGATTCC
ATGAAACCTCCAACATCAACGACTTTTCTGCTGGTGTAGCCAATCGTAGCGCCAGCATACGATTTCCCGG
GACTGTTGGCCAGGAGAAGAAGGGTTACTTTGAAGATCGTCGCCCTCTGCCAACTGCGACCCCTTTTCG
GTGACAGAAGCCCTCATCCGCACGTGTCTTCTCAATGAAACCGGCGATGAGCCCTTCAGTACAAAAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC204161 protein sequence Red=Cloning site Green=Tags(s) MTTSASSHLNKGIKQVYMSLPQGEKVQAMYIWIDGTGEGLRCKTRTLDSEPKCVEELPEWNFDGSSTLQS EGNSNDMYLVPAAMFRDPFRKDPNKLVLCEVFKYNRRPAETNLRHTCKRIMDMVSNQHPWFGMEQEYTL GTDGHPFGWPSNGFPGPQGPYYCGVGADRAYGRDIVEAHYRACLYAGVKIAGTNAEVMPAQWFEFIGPCE GISMGDHLWVARFILHRVCEDFGVIATFDPKPIPGNWNAGAGCHTNFSTKAMREENGLKYIEEAIEKLSKR HQYHIRAYDPKGGLDNARRLTGFHETSNINDFSAGVANRSASIRIPRTVGQEKKGYFEDRRPSANCDPFS VTEALIRTCLLNETGDEPFQYKN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002065
ORF Size:	1119 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:	NM_002065.4
RefSeq Size:	4737 bp
RefSeq ORF:	1122 bp
Locus ID:	2752
UniProt ID:	P15104
Cytogenetics:	1q25.3
MW:	42.1 kDa