

Product datasheet for RC200474A1V

Human GATM (NM_001482) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	GATM
Synonyms:	AGAT; AT; CCDS3; FRTS1
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC200474 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTGCGGGTGCGGTGTCTGCGCGCGGGAGCCGCGCGCCGAGGCGGTGCACTACATCGGATCTCGGC
TTGGACGAACCTTGACAGGATGGGTGCAGCGAACTTTCCAGAGCACCCAGGAGCTACGGCTTCTCCCG
GAACTCCTGTGACGCTGACGACAAAGCCACTGAGCCTCTGCCCAAGGACTGCCCTGTCTCTTCTTACAAC
GAATGGGACCCCTTAGAGGAAGTGATAGTGGGCAGAGCAGAAAACGCTGTGTTCCACCGTTCCACCATCG
AGGTGAAGGCCAACACATATGAAAAGTACTGGCCATTTACCAGAAGCAAGGAGGGCATTATTTTCCCAA
AGATCATTTGAAAAAGGCTGTTGCTGAAATTGAAGAAATGTCAATATTTTAAAAACGGAAGGAGTGACA
GTAAGGAGGCCTGACCCATTGACTGGTCATTGAAGTATAAACTCCTGATTTTGAGTCTACGGGTTTAT
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TTCACGCTTCTTTGAGTACCGAGCGTACAGGTCAATTATCAAAGACTACTTCCACCGTGGCGCCAAGTGG
ACAACAGCTCCTAAGCCACAATGGCTGATGAGCTTTATAACCAGGATTATCCCATCCACTCTGTAGAAG
ACAGACACAAATTGGCTGCTCAGGGAATTTGTGACAAGTGAATTTGAGCCATGCTTTGATGCTGCTGA
CTTCATTGAGCTGGAAGAGATATTTTGCACAGAGAAGCCAGGTTACAAACTACCTAGGCATTGAATGG
ATGCGTAGGCATCTTGCTCCAGACTACAGAGTGCATATCATCTCCTTTAAAGATCCCAATCCCATGCATA
TTGATGCTACCTTCAACATCATTGGACCTGGTATTGTGCTTTCCAACCTGACCGACCATGTCACCAGAT
TGATCTTTTCAAGAAAGCAGGATGGACTATCATTACTCCTCCAACACCAATCATCCCAGACGATCATCCA
CTCTGGATGTCATCCAATGGCTTTCCATGAATGTCTTAATGCTAGATGAAAAACGTGTTATGGTGGATG
CCAATGAAGTTCAATTCAAAAGATGTTTGAAGCTGGGTATCACTACCATTAAAGTTAACATTGTA
TGCCAATTCCTGGGAGGAGGCTTCCATTGCTGGACCTGCGATGTCCGGCGCCGAGGCACCTTACAGTCC
TACTTGGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC200474 protein sequence Red=Cloning site Green=Tags(s) MLRVRLRGSGRGAEAVHYIGSRLGRTLGTGWVQRTFQSTQAATASSRNSCAADDKATEPLPKDCPVSSYN EWDPLEEVIVGRAENACVPPFTIEVKANTYEKYWPFYQKQGHHYFPKDHLKKAVAEIEEMCNILKTEGVT VRRPDPIDWSLKYPDFESTGLYSAMPRDILIVVGNIEEAPMAWRSRFFEYRAYRSIIKDYFHRGAKW TTAPKPTMADELYNQDYPIHSVEDRHKLAQGFVTTEFPCFDAADFIRAGRDIFAQRSQVTNYLGIEW MRRHLAPDYRVHIISFKDPNPMHIDATFNIIGPGIVLSNPDRPCHQIDLFKKAGWTIIPTPTPIIPDDHP LWMSSKWL SMNVLMLEKRVMDANEVPIQKMFELGITTIKVNIRNANSLGGGFHCWTCVRRRGTLQS YLD TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001482
ORF Size:	1269 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_001482.2</u>
RefSeq Size:	2602 bp
RefSeq ORF:	1272 bp
Locus ID:	2628
UniProt ID:	<u>P50440</u>
Cytogenetics:	15q21.1
MW:	48.5 kDa