

Product datasheet for **RC200685A1V**

Human **GNAT2** (NM_005272) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	GNAT2
Synonyms:	ACHM4; GNATC
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC200685 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGGAAGTGGAGCCAGTCTGAGGACAAAGAACTGGCCAAGAGGTCCAAGGAGCTAGAAAAGAAGCTGC
AGGAGGATGCTGATAAGGAAGCCAAGACTGTCAAGCTGCTACTGCTGGGTGCTGGGGAGTCAGGAAAGAG
CACCATCGTCAAACAGATGAAGATCATTACCAGGATGGCTATTCACCAGAAGAATGCCTGGAGTTCAAG
GCTATCATCTATGGAAATGTGCTGCAGTCCATCCTGGCTATCATCCGGGCCATGACCACACTGGGCATCG
ATTATGCTGAACCAAGCTGTGCGGATGACGGGCGACAGCTCAACAACCTGGCTGACTCCATTGAGGAGGG
AACCATGCCTCCTGAGCTCGTGGAGGTCAATAGGAGGTTGTGGAAGGATGGTGGGTGCAAGCCTGCTTC
GAGAGAGCTGCAGAATACCAGCTTAATGACTCCGCATCTTACTACCTGAACCAATTAGAACGAATTACAG
ACCCTGAGTACCTCCCTAGTGAGCAAGATGTGCTCCGATCCAGAGTCAAAACCACAGGCATCATTGAAAC
CAAGTTTTCCGTCAAAGACTTGAATTTAGGATGTTTGTGTTGGGAGGGCAGAGATCCGAGAGAAAGAAG
TGGATCCACTGCTTCGAGGGAGTCACCTGCATCATTTTCTGTGCAGCCCTCAGTGCCTATGATATGGTGC
TGGTGGAAAGATGACGAAGTGAATCGTATGCATGAGTCTTTGATCTGTTC AACAGCATATGTAACCACAA
ATTCTTTGCGGCTACTTCCATTGTCTCTTTCTCAACAAGAAGGACCTCTTTGAGGAAAAATCAAGAAA
GTCCATCTCAGCATTGTTTTCCAGAGTATGATGGTAACAACCTCTATGATGATGCGGGGAATTACATAA
AGAGCCAGTTCTTGACCTCAATATGCGAAAAGATGTCAAAGAAATCTACAGTCACATGACCTGTGCTAC
AGATACACAGAATGTCAAATTTGTGTTTGTGTCAGTTACAGATATTATCATCAAAGAAAACCTCAAGGAC
TGCGGCCTCTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC200685 protein sequence Red=Cloning site Green=Tags(s) MGSGASAEDEKELAKRSKELEKKLQEDADKEAKTVKLLLLGAGESGKSTIVKQMKIIHQDGYSP EECLEFK AIIYGNVLQSI LAIIRAMTTLGIDYAEPSCADDGRQLNNLADSIIEGTMPP ELVEVIRRLWKDGGVQACF ERAAEYQLNDSASYLNLQLERITDPEYLPSEQDVLRSRVKTTGIIETKFSVKDLNFRMFDVGGQ RSEK K WIHCFEGVTCIIFCAAL SAYDMVLVEDDEVNRMHESLHLFNSICNHKFFAATSIVLFLNKKDLFE EKIKK VHLSICFPEYDGNNSYDDAGNYIKSQFLDLNMRKDVKEIYSHMTCATDTQNVKFVFD AVTDII IKENLKD CGLF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005272
ORF Size:	1062 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_005272.2</u>
RefSeq Size:	1384 bp
RefSeq ORF:	1065 bp
Locus ID:	2780
UniProt ID:	<u>P19087</u>
Cytogenetics:	1p13.3
MW:	40.2 kDa