

Product datasheet for **RC200470A1V**

Human **GNB3** (NM_002075) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	GNB3
Synonyms:	CSNB1H
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC200470 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGGGAGATGGAGCAACTGCGTCAGGAAGCGGAGCAGCTCAAGAAGCAGATTGCAGATGCCAGGAAAG
CCTGTGCTGACGTTACTCTGGCAGAGCTGGTGTCTGGCCTAGAGGTGGTGGGACGAGTCCAGATGCGGAC
GCGGCGGACGTTAAGGGGACACCTGGCCAAGATTACGCCATGCACTGGGCCACTGATTCTAAGCTGCTG
GTAAGTGCCTCGCAAGATGGGAAGCTGATCGTGTGGGACAGCTACACCACCAACAAGGTGCACGCCATCC
CACTGCGCTCCTCCTGGGTGATGACCTGTGCCTATGCCCCATCAGGGAACCTTTGTGGCATGTGGGGGCT
GGACAACATGTGTTCCATCTACAACCTCAAATCCCGTGAGGGCAATGTCAAGGTCAGCCGGGAGCTTTCT
GCTCACACAGGTTATCTCTCTGCTGCCGCTTCTGGATGACAACAATATTGTGACCAGCTCGGGGGACA
CCACGTGTGCCTTGTGGGACATTGAGACTGGGACGAGAAGACTGTATTTGTGGGACACACGGGTGACTG
CATGAGCCTGGCTGTGTCTCCTGACTTCAATCTCTTCATTTGCGGGGCTGTGATGCCAGTGCCAAGCTC
TGGGATGTGCGAGAGGGGACCTGCCGTGAGCTTCACTGGCCACGAGTCGGACATCAACGCCATCTGTT
TCTTCCCCAATGGAGAGGCCATCTGCACGGGCTCGGATGACGCTTCTGCGGCTTGTTTGACCTGCGGGC
AGACCAGGAGCTGATCTGCTTCTCCACGAGAGCATCATCTGCAGCATCACGTCCGTGGCCTTCTCCCTC
AGTGGCCGCTACTATTCGCTGGCTACGACGACTTCACTGCAATGTCTGGGACTCCATGAAGTCTGAGC
GTGTGGGATCCTCTCTGGCCACGATAACAGGGTGAGCTGCCTGGGAGTCACAGCTGACGGGATGGCTGT
GGCCACAGGTTCTGGGACAGCTTCTCAAAATCTGGAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC200470 protein sequence Red=Cloning site Green=Tags(s) MGEMEQLRQEAEQLKKQIADARKACADVTLAELVSGLEVVGVRVQMRTTRTLRGHLAKIYAMHWATDSKLL VSASQDGKLIWDSYTTNKVHAIPLRSSWVMTCAYPSTGNFVACGGLDNMCSIYNLKSREGNVKVSRELS AHTGYLSCCRFLDDNNIVTSSGDTTCALWDIETGQQKTVFVGHTGDCMSLAVSPDFNLFISGACDASAKL WDVREGTCRQFTTGHESDINAICFFPNGEAICTGSDDASCRLFDLRADQELICFSHESIICSITSVAFSL SGRLLFAGYDDFNCNVWDSMKSERVGILSGHDNRVSLGVTADGMAVATGSWDSFLKIWN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002075
ORF Size:	1020 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_002075.2</u>
RefSeq Size:	1760 bp
RefSeq ORF:	1023 bp
Locus ID:	2784
UniProt ID:	<u>P16520</u>
Cytogenetics:	12p13.31
MW:	37.3 kDa