

Product datasheet for **RC202452A1V**

Human GM2A (NM_000405) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human GM2A (NM_000405) AAV Particle
Tag: Myc-DDK
Symbol: GM2A
Synonyms: GM2-AP; SAP-3
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC202452 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCAGTCCCTGATGCAGGCTCCCCTCCTGATCGCCCTGGGCTTGCTTCTCGCGGCCCTGCGCAAGCCC
 ACCTGAAAAAGCCATCCCAGCTCAGTAGCTTTTCTGGGATAACTGTGATGAAGGAAGGACCCTGCGGT
 GATCAGAAGCCTGACTCTGGAGCCTGACCCCATCGTCGTTCTGGAAATGTGACCCTCAGTGTGCTGGGC
 AGCACCAGTGTCCCCTGAGTTCTCCTCTGAAGGTGGATTTAGTTTTGGAGAAGGAGGTGGCTGGCCTCT
 GGATCAAGATCCCATGCACAGACTACATTGGCAGCTGTACCTTTGAACACTTCTGTGATGTGCTTGACAT
 GTTAATTCCTACTGGGGAGCCCTGCCAGAGCCCTGCGTACCTATGGGCTTCCCTGCCACTGTCCCTTC
 AAAGAAGGAACCTACTACTGCCAAGAGCGAATTCGTTGTGCCTGACCTGGAGCTGCCAGTTGGCTCA
 CCACCGGGAACCTACCGCATAGAGAGCGTCTGAGCAGCAGTGGGAAGCGTCTGGGCTGCATCAAGATCGC
 TGCCTCTCTAAAGGCATA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC202452 protein sequence
 Red=Cloning site Green=Tags(s)

MQSLMQAPLLIALGLLLAAPAQAHLKKPSQLSSFWDNCDEGKDPVIRSLTLEPDPPIVVPGNVTL SVVG
 STSVPLSSPLKVDLVLEKEVAGLWIKIPCTDYIGSCTFEHFCDVLDMLIPTGEPCEPLRXYGLPCHCPF
 KEGTYSLPKSEFVVPDLELPSWLTGNYRIESVLSSSGKRLGCIKIAASLKI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human



Serotype:	AAV-2
ACCN:	NM_000405
ORF Size:	579 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_000405.3
RefSeq Size:	3690 bp
RefSeq ORF:	582 bp
Locus ID:	2760
UniProt ID:	P17900
Cytogenetics:	5q33.1
MW:	20.8 kDa