

Product datasheet for **RC214525A1V**

Human CNG1 (CNGA1) (NM_000087) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CNG1 (CNGA1) (NM_000087) AAV Particle
Tag:	Myc-DDK
Symbol:	CNGA1
Synonyms:	CNCG; CNCG1; CNG-1; CNG1; RCNC1; RCNCa; RCNCalpha; RP49
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC214525 representing NM_000087
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

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 GAGGGGTGAGTAGACCTCCTGCAAAACAGGTTTGGCCGAATCTTGGCTGAGTATGAGTCCATGCAGCAGA
 AACTGAAACAAAGATTAAACAGGTTGAGAAATTTCTGAAACCGCTATTGACACAGAATTTCAAGTAT
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC214525 representing NM_000087 Red=Cloning site Green=Tags(s) MKLSMKNNIINTQQSFVTMPNVIVPDIEKEIRRMENGACSSFSSEDDDSASTSESEENENPHARGSFYSYKS LRKGGPSQREQYLPGAIALFNVNNSNKKDQEPPEKKKKKKKKSKSDDKNENKNDPEKKKKKKDKEKKKK EEKSKDKKEEEKKEVVVIDPSGNTYYNWLFCITLPVMYNWMTVIARACFDELQSDYLEYWLILDYVSDIV YLIDMFVRTRTGYLEQGLLVKEELKLINKYKSNLQFKLDVLSLIPTDLLYFKLGWNYPEIRLNRLRFSR MFEFFQRTETRTNYPNIFRISNLVMIYIIHWNACVFYSISKAIGFGNDTWVYPDINDPEFGRLARKYV YSLYWSTLTLTIGETPPPVRDSEYVFVVDFLIGVLIFATIVGNIGSMISNMNAARAEFQARIDAIKQY MHFRNVSKDMEKRVIKWFDYLWTNKKTVDEKEVLKYLDPKLRAEIAINVHLDLTKKVRIFADCEAGLLVE LVKLKQPQVYSPGDYICKKGDIGREMYIIKEGKLAVVADDGVTQFVVLSDGSYFGEISILNIKSGKAGNR RTANIKSIGYSDFCLSKDDLMEALTEYPAKTMLEEKQKQILMKDGLLDLNIANAGSDPKDLEEKVTRM EGSVDLLQTRFARILAEYESMQQKLKQRLTKVEKFLKPLIDTEFSSIEGPGAESGPIDST TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000087
ORF Size:	2070 bp
Buffer:	PBS with 0.001% Pluronic F7228
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_000087.2</u>
RefSeq Size:	2532 bp
RefSeq ORF:	2061 bp
Locus ID:	1259
UniProt ID:	<u>P29973</u>
Cytogenetics:	4p12
MW:	79.4 kDa