

Product datasheet for **RC231746A1V**

Human **KCNE1 (NM_001270403) AAV Particle**

Product data:

Product Type: AAV Particles
Product Name: Human KCNE1 (NM_001270403) AAV Particle
Tag: Myc-DDK
Symbol: KCNE1
Synonyms: ISK; JLNS; JLNS2; LQT2/5; LQT5; MinK
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC231746 representing NM_001270403
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATCCTGTCTAACACCACAGCGGTGACGCCCTTTCTGACCAAGCTGTGGCAGGAGACAGTTCAGCAGG
GTGGCAACATGTCGGGCTGGCCCGCAGGTCCCCCGCAGCAGTGACGGCAAGCTGGAGGCCCTCTACGT
CCTCATGGTACTGGGATTCTTCGGCTTCTTACCCTGGGCATCATGCTGAGCTACATCCGCTCCAAGAAG
CTGGAGCACTCGAACGACCCATTCAACGTCTACATCGAGTCCGATGCCTGGCAAGAGAAGGACAAGGCCT
ATGTCCAGGCCCGGTCTGGAGAGCTACAGGTCGTGCTATGTTCGTTGAAAACCATCTGGCCATAGAACA
ACCCAACACACACCTTCTGAGACGAAGCCTTCCCCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC231746 representing NM_001270403
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MILSNTTAVTPFLTKLWQETVQQGNMSGLARRSPRSSDGKLEALYVLMVLGFFGFFTLGIMLSYIRSKK
LEHSNDPFNVYIESDAWQEKDKAYVQARVLESYRSCYVVENHLAIEQPNTLHPETKPSP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_001270403



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ORF Size:	387 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_001270403.1</u>
RefSeq Size:	3298 bp
RefSeq ORF:	390 bp
Locus ID:	3753
UniProt ID:	<u>P15382</u>
Cytogenetics:	21q22.12
MW:	14.7 kDa