

Product datasheet for **MR206756A1V**

Mouse Kcnj8 (NM_008428) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Mouse Kcnj8 (NM_008428) AAV Particle
Tag: Myc-DDK
Symbol: Kcnj8
Synonyms: AI448900; gnite; Kir6.1; slmbr; sltr; uKATP-1
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >MR206756 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTGGCCAGGAAGAGCATCATCCCGGAGGAGTATGTGCTGGCGCGCATCGCAGCGGAGAACCTGCGCA
AACCGCGCATCCGCGACCGTCTCCCAAAGCCCGCTTCATCGCCAAGAGCGGAGCCTGCAACCTGGCACA
CAAGAACATCCGAGAGCAAGGTCTCTCCTGCAGGACATCTTCACCACCTTGGTAGACCTGAAGTGGCGT
CACACGCTGGTCATCTTCACCATGTCTCTCCTGCAGCTGGCTGCTCTTTGCTATCATGTGGTGGCTGG
TGGCCTCGCCACGGGGACATCTATGCTTACATGGAGAAAGGCACCATGGAGAAAGAGTGGCCTGGAGTC
CGCTGTCTGTGTGACCAATGTCAAGTCACTCACGTCTGCGTTTTCTCTTCTCCATTGAGGTTCAAGTGACC
ATTGGGTTTCGGAGGGAGAATGATGACTGAGGAATGCCCTCTGGCCATCACGGTTTTGATTCTGCAGAACA
TCGTGGGTCTGATCATCAACGCGGTCTGTTGGTTGCATCTTCATGAAGACGGCGCAGGCCACAGAAG
GGCAGAGACGCTGATTTTCAGCCGCCATGCTGTGATTGCCGTCCGCAATGGCAAGCTGTGCTTCATGTTT
CGGGTGGGTGACCTGAGGAAGAGCATGATCATTAGCGCCTCGGTGCGCATCCAGGTGGTCAAGAAAACCA
CGACGCCAGAAGGGGAGGTGGTGCCTATTCATCAGCAGGACATTCCTGTTGATAATCCCATCGAGAGCAA
TAATATCTTCTAGTGGCCCCATTGATCATCTGCCACGTGATTGACAAGCGTAGCCCCCTGTATGATATC
TCAGCAACTGACCTTGCCAATCAAGACCTGGAGGTGATGATTCTCGAGGGCGTGGTAGAAACCACAG
GCATCACACACAAGCGCGGACCTCCTACATTGCGGAGGAGATCCAGTGGGGACACCGCTTCGTGTCAAT
TGTGACTGAGGAGGAGGCGTGTACTCTGTGGACTATTCCAAATTTGGTAACACGGTGAGAGTGGCTGCG
CCAAGATGCAGTGCCCGGGAGCTGGATGAGAAGCCTTCATCCTGATTGAGACCTCCAAAAGAGTGAAC
TGTCGCACCAGAACTCTCTGCGGAAGCGCAACTCCATGAGGAGAAACAACTCCATGAGGAGAAACAACTC
CATCAGGAGGAATAACTCTTCCCTCATGGTGCCCAAGGTGCAGTTCATGACTCCAGAAGGAAACCACTGT
CCATCCGAATCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR206756 protein sequence Red=Cloning site Green=Tags(s) MLARKSIIP EEYVLARIAAENLRKPRIRDRLPKARFIAKSGACNLAHKNIREQGRFLQDIFTTLVDLKWR HTLVIFTMSFLCSWLLFAIMWWLVAFAGDIYAYMEKGTMEKSGLESACVCTNVRSFTSAFLFSIEVQVT IGFGGRMMTEECPLAITVLILQNIVGLIINAVMLGCIFMKTAQAHRRAETLIFSRHAVIAVRNGKLCFME RVGDLRKSMIISASVRIQVVKKTTTPEGEVVP IHQQDIPVDNPIESNNIFLVAPLIICHVIDKRSPLYDI SATDLANQDLEIVIVILEGVVETTGITTQARTSYIAEEIQWGHFRFVSIVTEEEGVYSVDYSKFGNTVRVAA PRCSARELDEKPSILIQTLQKSEL SHQNSLRKRNSMRRNNSMRRNNSIRRNSSL MVPKVQFMTPEGNQC PSES TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_008428
ORF Size:	1272 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_008428.2</u>
RefSeq Size:	2188 bp
RefSeq ORF:	1275 bp
Locus ID:	16523
UniProt ID:	<u>P97794</u>
Cytogenetics:	6 74.31 cM
MW:	48 kDa