

Product datasheet for **RR215529A1V**

Rat Kcnj12 (NM_053981) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Rat Kcnj12 (NM_053981) AAV Particle
Tag:	Myc-DDK
Symbol:	Kcnj12
Synonyms:	IRK2; Kir2.1; Kir2.2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RR215529 representing NM_053981 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGACCGCAGCCAGTCGGGCCAACCCCTACAGCATCGTATCATCAGAGGAGGACGGGCTGCACCTGGTTA
CCATGTGACGGCGCCAACGGTTTTGGCAATGGCAAGGTGCATACACGGCGCCGGTGCCGCAACCGCTTTGT
CAAGAAGAACGGTCAGTGCAACATTGAATTCGCCAACATGGATGAGAAGTCACAGCGCTACCTGGCTGAC
ATGTTTACCACATGTGTGGATATCCGCTGGCGCTACATGCTGCTCATCTTCTCTGGCCTTTCTTGCT
CCTGGTTGCTGTTCCGATCATCTTCTGGGTCAATGCGGTGCGCCACGGAGACCTGGAGCCGGCTGAGGG
CCGCGGGCGGTACACCCTGTGTGCTACAGGTCCATGGCTTTATGGCAGCCTTTCTTTCTCCATTGAGACG
CAGACCACCATTTGGCTACGGGCTACGATGCGTGACTGAAGAGTGCCAGTGCGTGTCTTCATGGTGGTGG
CTCAGTCCATTGTGGGCTGCATCATTGACTCCTTCATGATCGGCGCCATCATGGCCAAGATGGCGCGGCC
CAAGAAGCGAGCACAGACTCTGCTTTTCAGCCACAATGCCGTGGTGGCTCTGCGTGACGGCAAGCTCTGC
CTCATGTGGCGGTGGGCAACCTGCGCAAGAGCCACATCGTAGAGGCCACGTGCGAGCCAGCTCATCA
AGCCCAGGGTCACAGAAGAGGGTGAGTACATCCCACTGGACCAGATTGACATTGACGTTGGCTTTGACAA
GGGCTGGATCGTATCTTCTAGTATCGCCATCACCCTTGCACGAGATTGATGAGGCCAGCCCACTG
TTTGGCATTAGCCGTGAGACCTCGAGACGGACGACTTTGAGATCGTGGTCATCCTGGAAGGCATGGTAG
AGGCCACAGCCATGACCACCCAGGCTCGCAGTTCTACCTGGCCAACGAGATCCTCTGGGGTCATCGCTT
TGAGCCAGTGCTCTTCGAAGAGAAGAACCAGTACAAGATTGACTACTCACAATTCCACAAGACCTATGAG
GTGCCATCTACACCCGCTGCAGCGCCAAGGACCTGGTGGAGAACAAGTTCTTCTGCCAGTGCCAACT
CTTTCTGCTATGAGAATGAGCTAGCCTTCTGAGCCGAGATGAGGAGGATGAGGTGGCTACAGACCGGGA
TGGCCGACGCCCTCAGCTGAGCATGACTTTGACAGGCTGCAGGCCAGCAGTGGTGCCCTTGAGCGGCC
TACAGACGGGAGTCAGAGATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RR215529 representing NM_053981 Red=Cloning site Green=Tags(s) MTAASRANPYSIVSSEEDGLHLVTMSGANGFGNGKVHTRRRRCNRNFVKKNGQCNI EFANMDEKSQRYLAD MFTTCVDIRWRYMLLIFSLAFLASWLLFGIIFWVIAVAHGDLEPAEGRGRTPCVLQVHGFM AAF LFSIET QTTIGYGLRCVTEECPVAVFMVVAQSI VGCIIDSFMIGA IMAKMARPKKRAQTLLFSHNAVVALRDGKLC LMWRVGNLRKSHIVEAHVRAQLIKPRVTEEGEYIPLDQIDIDVGFDKGLDRIFLVSPITILHEIDEASPL FGISRQDLETDDFEIVVILEGMVEATAMTTQARSSYLANEILWGRHFEPVLFEEKNQYKIDYSHFHKTYE VPSTPRCSAKDLVENKFLLPANSFCYENELAFLSRDEEDEVATDRDGRSPQPEHDFDRLQASSGALERP YRRESEI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Rat
Serotype:	AAV-2
ACCN:	NM_053981
ORF Size:	1281 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_053981.2</u> , <u>NP_446433.2</u>
RefSeq Size:	2283 bp
RefSeq ORF:	1284 bp
Locus ID:	117052
Cytogenetics:	10q22
MW:	48.4 kDa