

Product datasheet for **RR216861A1V**

Rat Kcna6 (NM_023954) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Rat Kcna6 (NM_023954) AAV Particle
Tag:	Myc-DDK
Symbol:	Kcna6
Synonyms:	Kv1.6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>NM_023954 ORF sequence, RR216861 may differ due to SNPs.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAAATTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAGATCGGAGAAATCCCTGACGCTGGCGCGCCGGGGGAGGTCCGTGGGCCGAGGGGGAGCAACAG
GATGCGGGTGAGTTCAGGAGGCCGAGGGCGCGCGCTGCTGTAGTAGTGAGAGGCTGGTGATCAAC
ATCTCTGGGCTGCGCTACGAGACGCAGCTGCGCACCTTGTGCTGTTCCCTGACACGCTGCTAGGAGAC
CCTGGCCGCAGAGTCCGCTTCTTTGACCCTTGAGGAATGAGTACTTCTTTGACCACAACCGACCCAGC
TTCGACGCTATCCTTTATTACTACAGTCGCGGGGTCGCTGCGCAGGCCGTTAACGTGCCCTTGAC
ATCTTTATGGAAGAGATTGCTTCTATCAGTTGGGAGATGAAGCCCTGGCGGCTTCCGGGAGGATGAG
GGTTGCTGCCCCAAGGTGGTGAGGATGAGAAGCCACTCCCTCCAGCCTTCCAGCGACAGGTCTGG
CTCCTCTTTGAGTATCCGAGAGTCTGGGCCCGCCGAGGATTGCCATCGTCTCAGTGTGGTCATC
CTCATCTCCATTGTCATCTTTGCTGGAGACCTTGCTCAGTCCGTGCAGATGGGCGCGGTGGAAGC
AACGAGGGGAGTGGGACCCGATGTCCCGGCCCTCAGGGGGAGCCACGAGGAGGAAGATGAAGACGAG
GATTTCCTATGCATTTCTGGTAGCATTCCTCTGGGGGGTGGGGACCGAGGAACCTTCTTCATTTAGT
ACTCTCGGGGGTCTCTTCTTACAGACCCCTTCTCTGCTGGTGAACCTCTGTGTATCGTCTGTTTACC
TTTGAGCTCCTGGTGGCTTCTCTGCTGTCCCAGCAAGCGGCCCTTCTTCGCAATATCATGAACATC
ATTGACTTGGTGGCCATCTTCCCTACTTTATCACCTGGGCACCGAGCTAGTGCAACGTCACGAGCAG
CAGCCTGTGAGTGGTGGCAGTGGTCAGAATGGGCAGCAGGCCATGTCCCTAGCCATCCTCAGGGTGATC
CGCCTGGTCCGGGTGTTTCGGATCTTCAAGCTCTCCGCCACTCCAAGGGGTGCAGATCCTGGGTAAAG
ACCTTGCAAGCATCCATGCGGGAGCTCGGGTACTCATCTTCTTCTCTTATTGGAGTCATCTCTTC
TCCAGCGCTGTCTACTTCGAGAGGCAGATGACGTTGACTCGCTTCCCTAGCATCCCAGATGCCCTT
TGGTGGGCTGTGTTACAATGACCACAGTAGGTTATGGGGACATGTACCCCATGACGGTGGGAGGCAAG
ATTGTGGGCTCACTGTGTGCCATTGCTGGGCTCCTCACCATTGCATTACCGGTACCGGTATTGTCTCC
AATTTCAACTACTTCTACCACGAGAGACGAGCAGGAGGAACAAGGCCAGTATACCCACGTCACTTGT
GGGCAGCTACACCGACCTGAAGGCAACGACAAATGGGCTTGGCAAACCTGACTTTGCGGAGGCTTCA
CGGGAACGGCGGTCCAGCTACCTTCCAACCTCCACATCGAGCTTATGCAGAGAAAAGGATGCTCACCAG
GTT
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Protein Sequence:

>Peptide sequence encoded by RR216861
 Blue=ORF Red=Cloning site Green=Tag(s)

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MRSEKSLTAAPEVVRGPEGEQQDAGEFQEAEGGGGCCSSERLVINISGLRYETQLRTLSPDPTLLGD
PGRVRVFFDPLRNEYFFDRNRPSFDAILYYYQSGGRLRRPVNPLDIFMEEIRFYQLGDEALAFREDE
GCLPEGGEDEKPLPSQPFQRQVWLLFEYPSSGPARGIAIVSVLVILISIVIFCLETLPQFRADGRGGS
NEGSGTRMSPASRGSHHEEDEDSDYAFPGSIPSGGLTGGTSSFSTLGGSFFTDPFFLVETLCIVWFT
FELLVRFSAKPSKAFFRNIMNIDLVAIFPYFITLGTGLVQRHEQQPVSGSGQNGQQAMSLAILRVI
RLVVRVFRIFKLSRHSKGLQILGKTLQASMRELGLLIFFLFIGVILFSSAVYFAEADDVDSLFPSPIDAF
WWAVVTMTTVGYGDMYPMTVGGKIVGSLCAIAGVLTIALPVPVIVSNFNYFYHRETEQEEQGYTHVTC
GQPTPDLKATDNLGKPDFAEASRERRSSYLPTPHRAYAEKRMTEV
TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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Species:

Rat

Serotype:

AAV-2

ACCN:

NM_023954

ORF Size:

1590 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_023954.2</u>
RefSeq Size:	6696 bp
RefSeq ORF:	1593 bp
Locus ID:	64358
Cytogenetics:	4q42
MW:	58.8 kDa