

Product datasheet for **RC202199A1V**

Human KCNS3 (NM_002252) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KCNS3 (NM_002252) AAV Particle
Tag:	Myc-DDK
Symbol:	KCNS3
Synonyms:	KV9.3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC202199 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGTTTGGTGAGTTTTTCCATCGCCCTGGACAAGACGAGGAACCTGTCAACCTGAATGTGGGGGCT
 TTAAGCAGTATGTTGACCAAAGCACCTCCTGCGGTTTCTCACACCAGACTGGGGAAGCTGCTTACTTG
 CCATTCTGAAGAGGCCATTCTGGAGCTGTGTGATGATTACAGTGTGGCCGATAAGGAATACTACTTTGAT
 CGGAATCCCTCCTTGTTCAGATATGTTTTGAATTTTTATTACCGGGGAAGCTGCATGTCATGGAGGAGC
 TGTGCGTATTCTATTCTGCCAGGAGATCGAGTACTGGGGCATCAACGAGCTCTTCATTGATTCTTGCTG
 CAGCAATCGTACCAGGAACGCAAGGAGGAAAACACGAGAAGGACTGGGACCAGAAAAGCCATGATGTG
 AGTACCGACTCCTCGTTTGAAGAGTCGTCTCTGTTTGAGAAAGAGCTGGAGAAGTTTGACACACTGCGAT
 TTGGTCAGCTCCGGAAGAAAATCTGGATTAGAATGGAGAATCCAGCGTACTGCCTGTCCGCTAAGCTTAT
 CGCTATCTCCTCCTTGAGCGTGGTGTGCTGGCCTCCATCGTGGCCATGTGCGTTCACAGCATGTCGGAGTTC
 CAGAATGAGGATGGAGAAGTGGATGATCCGGTGTCTGGAAGGAGTGGAGATCGCGTGCATTGCCTGGTTCA
 CCGGGGAGCTTGCCGTCCGGCTGGCTGCCGCTCCTTGTCAAAAGAAATTTCTGGAAAAACCTCTGAACAT
 CATTGACTTTGTCTCTATTATCCCTTCTATGCCACGTTGGCTGTAGACACCAAGGAGGAAGAGAGTGAG
 GATATTGAGAACATGGGCAAGGTGGTCCAGATCCTACGGCTTATGAGGATTTTCCGAATTCTAAAGCTTG
 CCCGGCACTCGGTAGGACTTCGGTCTCTAGGTGCCACACTGAGACACAGCTACCATGAAGTTGGGCTTCT
 GCTTCTCTTCTCTCTGTGGGCAATTTCCATTTTCTCTGTGCTTATCTACTCCGTGGAGAAAGATGACCAC
 ACATCCAGCCTCACCAGCATCCCATCTGCTGGTGGTGGGCCACCATCAGCATGACAACGTGGGCTATG
 GAGACACCCACCGGTACCTTGGCGGGAAAGCTCATCGCCAGCAGCATGCATCATCTGTGGCATCTTGGT
 GGTGGCCCTTCCCATCACCATCATCTTCAACAAGTTTTCCAAATACTACCAGAAGCAAAAGGACATTGAT
 GTGGACCAAGTGCAGTGGATGCACCAGAGAAGTGTGATGAGCTACCTTACTTTAACATTAGGGATATAT
 ATGCACAGCGGATGCACGCTTCTATTACAGTCTCTCTCTGTAGGCATTGTGGTGGAGCATCTGACTC
 CACAGATGCTTCAAGCATTGAAGACAATGAGGACATTTGTAACACCACCTCCTTGGAGAATTGCACAGCA
 AAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202199 protein sequence
 Red=Cloning site Green=Tags(s)

MVFGEFFHRPGQDEELVNLNVGGFKQYVDQSTLLRFPHTRLGKLLTCHSEEAILELCDDYSVADKEYYFD
 RNPSLFRYVLNFYYTGKLVHMEELCVFSFCQIEYWGINELFIDSCSNRYQERKEENHEKDWDQKSHDV
 STDSSFEESSLFEKELEKFDLRFGLRKKIWMENPAYCLSAKLIAISSLSVVLASIVAMCVHSMSEF
 QNEDGEVDDPVLEGVEIACIAWFTGELAVRLAAAPCQKKFWKNPLNIIDFVSIIPFYATLAVDTKEESEE
 DIENMGKVQVILRLMRIFRILKLARHSVGLRSLGATLRHSYHEVGLLLFLSVGISIFSVLIYSVEKDDH
 TSSLTSIPICWWATISMFTVGYGDTHPVTLAKLIASTCIICGILVVALPITIIFNKFSKYQKQKIDID
 VDQCEDAPEKCHLPYFNIRDIYAQRMHAFITSLSSVGIVVSDPDSTDASSIEDNEDICNTTLENCTA
 K

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_002252

ORF Size:

1473 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_002252.3</u>
RefSeq Size:	2365 bp
RefSeq ORF:	1476 bp
Locus ID:	3790
UniProt ID:	<u>Q9BQ31</u>
Cytogenetics:	2p24.2
MW:	56 kDa