

Product datasheet for **RC209695A1V**

Human KCNG3 (NM_133329) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KCNG3 (NM_133329) AAV Particle
Tag:	Myc-DDK
Symbol:	KCNG3
Synonyms:	KV6.3; KV10.1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC209695 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACCTTCGGGCGCAGCGGGCGGCCCTCGGTGGTGCTGAACGTGGGCGGCGCCCGGTATTCGCTGTCCC
GGGAGCTGCTGAAGGACTTCCCCTGCGCCGCGTGAGCCGGCTGCACGGCTGCCGCTCCGAGCGCGACGT
GCTCGAGGTGTGCGACGACTACGACCGCAGCGCAACGAGTACTTCTTCGACCGGCACTCGGAGGCCTTC
GGCTTCATCCTGCTCTACGTGCGCGGCCACGGCAAGCTGCGCTTCGCGCCGCGGATGTGCGAGCTCTCCT
TCTACAACGAGATGATCTACTGGGGCCTGGAGGGCGCGCACCTCGAGTACTGCTGCCAGCGCCGCTCGA
CGACGCGATGTCCGACACCTACACCTTCTACTCGGCCGACGAGCCGGGCGTGTGGGCCCGCAGCAGGCG
CGCCCCGGCGGGCCGAGGCGGCTCCCTCCAGGCGCTGGCTGGAGCGCATGCGGCGGACCTTCGAGGAGC
CCACGTCGTCGCTGGCCGCGCAGATCCTGGCTAGCGTGTGCGTGGTGTTCTGTGATCGTGCCATGGTGGT
GCTGTGCGCCAGCAGCTTGCCCGACTGGCGCAACGCAGCCGCCGACAACCGCAGCCTGGATGACCGGAGC
AGGTAATCCGCGGCCCTGGGAGGGAGCCCTCCGGGATAATTGAAGCTATCTGCATAGGTTGGTTCAGT
CCGAGTGCATCGTGAGGTTATTGTCTCAAAAACAAGTGTGAGTTTGTCAAGAGACCCCTGAACATCAT
TGATTTACTGGCAATCACGCCGATTACATCTCTGTGTTGATGACAGTGTTCAGGCGGAGAACTCTCAA
CTCCAGAGGGCTGGAGTCACCTTGAGGGTACTTGAATGATGAGGATTTTTTGGGTGATTAAGCTTGCCC
GTCACCTTCATTGGTCTTCAGACACTCGGTTTGACTCTCAACGTTGCTACCGAGAGATGGTTATGTTACT
TGCTCTTCAATTTGTGTTGCCATGGCAATCTTTAGTGCACTTTCTCAGCTTCTTGAACATGGGCTGGACCTG
GAAACATCCAACAAGGACTTTACCAGCATTCTGCTGCCTGCTGGTGGGTGATTATCTCTATGACTACAG
TTGGCTATGGAGATATGTATCCTATCACAGTGCTGGAAGAATTCTTGGAGGAGTTTGTGTTGTCAGTGG
AATTGTTCTATTGGCATTACCTATCACTTTATCTACCATAGCTTTGTGCAGTGTATCATGAGCTCAAG
TTTAGTCTGCTAGGTATAGTAGGAGCCTCTCCACTGAATTCCTGAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence:	>RC209695 protein sequence Red=Cloning site Green=Tags(s) MTFGRSGAASVVLNVGGARYSLRELLKDFPLRRVSRLHGCRSERDVLEVCDYDRERNEYFFDRHSEAF GFILLYVRGHGKLRFAPRMCELSFYNEMIYWGLEGHALEYCCQRRLLDRMSDTYTFYSADEPGVLGRDEA RPGGAEAAPSRRLERMRTFEEPTSSLAQILASVSFVIVSMVVLCASTLPDWRNAAADNRSLDDRS RYSAGPGREPSGIIIEAICIGWFTAECIVRFIVSKNKCEFVKRPLNIIDLLAITPYYISVLMVFTGENSQ LQRAGVTLRVLRMMRIFWVIKLARHF IGLQTLGLTLKRCYREVMVLLVFCVAMAFSALSQLEHGLDL ETSNKDFTSIPACWWVVISMTTVGYGDMYPITVPGRILGGVCVVSIGIVLLALPITFIYHSFVQCYHELK FRSARYSRSLSTEFNL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_133329
ORF Size:	1308 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:	NM_133329.4
RefSeq Size:	3854 bp
RefSeq ORF:	1311 bp
Locus ID:	170850
UniProt ID:	Q8TAE7
Cytogenetics:	2p21
MW:	49.6 kDa