

Product datasheet for **MR221253A1V**

Mouse Kcna10 (NM_001081140) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Kcna10 (NM_001081140) AAV Particle
Tag:	Myc-DDK
Symbol:	Kcna10
Synonyms:	Gm1962; Kcna8; Kv1.8
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR221253 representing NM_001081140
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATGTGTGTAGCTGGAAAGAAATGGAGGTTGCTCTGGTCAATTTTGATAACTCGGATGAAATCCATG
 AAGAGCCAGGCTATGCCACAGACTTTGACCCAACCAAGCTCAAAAGGCCGCCCTGGTAGCAGTCCCTTTTC
 CAATTGGAGAGTCCTTATCAGTGACAACACCAACCATGAAACTGCCTTCTCCAAGATCCCAGGAGAGTAT
 GTGGATCCCCCGGACCTGAGCCAGTGGTCTTGAATGAGGGAAACCAAGGGTGATCATCAACATTGCTG
 GTCTGAGATTCGAGACTCAGCTCAGAACACTTAATCAATCCCAGAGACACTCCTGGGAGACCGGGAGAA
 AAGGATGCAATTTTTGACTCCATGAGAAATGAGTATTTCTTTGATAGAAACAGACCTAGTTTTGATGGA
 ATCTTATATTATTACAGTCTGGTGGGAAAATACGGCGGCCAGCCAACGTGCCTATCGATGTTTTCGCTG
 ATGAGATCTCCTTCTATGAACTGGGTAGCGAGGCCATGGACAGTTCGGGAGGATGAAGGCTTCATTAA
 GGACCCTGAGACACTGCTGCCACCAATGACTTTCACCGGCAATTCTGGCTTCTCTTTGAGTACCCCGAG
 AGCTCCAGTGCAGCTCGAGGAGTGGCTGTGGTCTCGGTTTTGGTTGTAGTCATCTCCATACCATCTTCT
 GCCTGGAGACACTCCCAGAGTTCGAGAGGACAGGGAGCTGAAGGTGGTCAGAGACCCAGCATCAATAC
 AAACAAAACAGGCCTCTCCCAGACCATGTTCACTGATCCTTTCTTCATGGTGGAGTCCACCTGCATCGTG
 TGGTTCACCTTTGAGCTGGTGTCCGGTTTGTGGTCTGCCCCAGCAAGACTGACTTCTTCAAGAACATCA
 TGAATATTATTGACATCATCTCCATCATCCCCTACTTTGCAACCCTCATAACAGAGCTAGTACAGGAGAC
 CGAGCCAAGTCCCAGCAGAACATGTCCTGGCCATCTGAGGATCATTCTGCTGGTGGGCTCTCCGC
 ATCTTCAAGCTTTCTCGACACTCTAAAGGGCTGCAGATCCTGGGCGAGACGCTGAAGGCTTCCATGCGGG
 AGCTGGGGCTGCTCATCTTCTCTCTTTCATTGGGGTCATCTTTCTCCAGTGCAGTCTACTTTGCTGA
 GGTGGATGAGCCAGAGTCCCATTCTCTAGCATTCTGATGGCTTCTGGTGGGCTGTGGTCACCATGACA
 ACTGTAGGCTACGGTGACATGTGCCAACCACCCAGGAGGAAAGATTGTGGTACTCTGTGCGCCATTG
 CTGGTGTCTCACCATCGCCCTCCCTGTGCCTGTCTTGTCTCCAATTCAACTACTTCTACCACCGTGA
 GACTGAGAACGAGGAGAAGCCAAACATCCCAGGAGAACTTGACAAAATCCTCAACAGCATGGGCTCCAGA
 ATGGGGAGTACTGAGTCTCTCAACAAGACCAATGGCAGCTGCTCTGCAGAGAAGTCCAGGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MDVCSWKEMEVALVNFNDSEIHEEPGYATDFDPTSSKGRPGSSPFSNWRVLISDNTNHETAFSKIPGEY
 VDPPGPEPVVLNEGNQRIINIAGLRFETQLRTLNQFPETLLGDREKRMQFFDSMRNEYFFDRNRPSFDG
 ILYYYQSGGKIRRPANVPIDVFADEISFYELGSEAMDQFREDEGF IKDPETLLPTNDFHRQFWLLFEYPE
 SSSAARGVAVVSVLVVISITIFCLETLPEFREDRELKVVRDPSINTNKTGLSQTMFTDPFFMVESTCIV
 WFTFELVLRVVCPSKTDFFKNIMNIIDIISIIPYFATLITELVQETEPSAQNMSLAILRIIRLVRFVR
 IFKLSRHSKGLQILGQTLKASRELGLLIFFLFIGVILFSSAVYFAEVDEPESHFSSIPDGFWWAVVTMT
 TVGYGDMCPTTPGGKIVGTLCIAGVLTIALPVPVIVSNFNFYHRETENEKPNIPGELDKILNSMGSR
 MGSTESLNKTNGSCSAEKSrk

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001081140

ORF Size:

1533 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_001081140.1</u> , <u>NP_001074609.1</u>
RefSeq Size:	1826 bp
RefSeq ORF:	1536 bp
Locus ID:	242151
UniProt ID:	<u>B2RQA1</u>
Cytogenetics:	3 46.64 cM
MW:	58.4 kDa