

Product datasheet for **MR221001A1V**

Mouse Kcnd3 (NM_001039347) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Kcnd3 (NM_001039347) AAV Particle
Tag:	Myc-DDK
Symbol:	Kcnd3
Synonyms:	AW045978; Kncd3; Kv4.3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR221001 representing NM_001039347
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCGGCAGGAGTTGCAGCCTGGCTGCCTTTTGGCCGGGCTGCGGCCATTGGATGGATGCCAGTGGCCA
 ACTGCCCCATGCCCCCTAGCTCCAGCGGACAAGAAACAAGCGGCAAGACGAGCTGATCGTCCTCAACGTAAG
 TGGACGACGGTCCAGACCTGGAGGACCACTCTGGAGCGCTATCCCGACACCTTCTGGGTAGCACAGAG
 AAGGAGTTCTTCTCAATGAGGACACGAAGGAGTACTTCTTTGACCGTGACCCGGAAGTGTCCGTTGTG
 TGCTTAACTTCTACCGCACCGGGAAGCTGCACTACCCACGCTATGAATGCATCTCTGCCTACGACGATGA
 ACTGGCCTTCTATGGCATCTCCCGAGATCATCGGAGACTGCTGCTACGAGGAGTACAAAGACCGCAAG
 CGGGAGAATGCGGAGCGGCTCATGGATGACAATGACTCTGAAAACAACAGGAGTCCATGCCCTCTCTCA
 GCTTCCGTGAGACCATGTGGCGGGCCTTCGAGAACCCACACACCAGCACCTGGCACTGGTCTTCTACTA
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 CCTGGGAGCAAGGAGCTGCCGTGTGGAGAGCGCTATTCGGTGGCTTTCTTTTGCCTGGACACTGCCTGTG
 TAATGATCTTCACAGTGGAGTACCTCCTCCGACTCTTTGCGGCACCCAGCAGATACCGCTTCATCCGCAG
 TGTGATGAGCATTATCGACGTTGTGGCCATCATGCCCTATTACATTGGCTGGTCATGACCAACAATGAG
 GACGTGTCTGGGGCATTGTGCACACTCCGGGTCTTCGTGTCTTCAGGATCTTCAAGTTCTCCCGACATT
 CCCAGGGTCTACGGATCCTGGGTACACCCTGAAGAGCTGTGCCTCAGAACTGGGCTTTCTTCTCTTCTC
 CCTTACCATGGCCATCATCATCTTTGCCACTGTGATGTTTTATGCTGAGAAGGGCTCCTCTGCCAGCAAG
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 TGCCTAAGACAATCGCAGGGAAGATATTTGGCTCCATCTGCTCCCTCAGCGGTGCTCTGGTCATTGCCCT
 GCCGGTCCCTGTGATAGTCTCCAACCTTTAGCAGGATCTACCACCAGAATCAGAGAGCAGATAAACGCAGG
 GCACAAAAGAAGGCCCGCTTGGCAGGATCCGGGTGGCCAAAACGGGAAGCTCCAATGCCTACCTGCACA
 GCAAGCGCAATGGGCTCCTCAATGAGGCCCTGGAGCTGACGGGCACCCAGAAGAGGAGCAGATGGGCAA
 GACCACCTCACTCATCGAGAGCCAGCACCACCACCTGCTACACTGCTTAGAAAAGACCACTAACCATGAG
 TTTATTGATGAGCAGATGTTTGAGCAGAACTGCATGGAGAGCTCGATGCAGAACTACCCCTCCACCAGAA
 GTCCTTCTCTGTCCAGCCACTCGGGCCTCACCACCACCTGCTGCTCCCGTCGTAGCAAGAAGACCACACA
 CCTGCCAACTCTAACCTGCCTGCCACCCGCTGCGCAGCATGCAGGAGCTCAGCAGCTCCACATCCAG
 GGCAGCGAGCAGCCCTCCCTCACCACCAGTCGCTCCAGCCTTAATTTGAAAGCAGACGATGGACTGAGAC
 CAAACTGCAAAACATCCAGATTACCACGGCCATCATCAGCATCCCCACCCCCCAGCTCTGACCCCCGA
 GGGAGAAAGTCGGCCACCCCTGCCAGCCAGGCCCAACACGAACATTCTTCCATAACCAGCAATGTC
 GTCAAGGTCTCTGCCTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR221001 representing NM_001039347 Red=Cloning site Green=Tags(s) MAAGVAAWLPFARAAAIGWMPVANCMPMLAPADKNKRQDELIVLNVSRRFQTWRTTLERYPDLLGSTE KEFFFNEDTKEYFFDRDPEVFRVLFNFYRTGKLHYPRYECISAYDDELAFFYGLPEIIGDCCYEEYKDRK RENAERLMDNDSENQESMPSLSFQRTMWRAFENPHTSTLALVFYYVTGFFIAVSVITNVVETVPCGT PGSKELPCGERYSVAFFCLDTACVMIFTVEYLLRLFAAPSRYSRIFRSVMSIIDVVAIMPYYIGLVMTNNE DVSGAFVTLRVFRVFRIFKFSRHSQGLRILGYTLKSCASELGFLFSLTMAIIIFATVMFYAEKGSSASK FTSIPASFWYTIIVTMTTLGYGDMVPKTIAGKIFGSICSLSGVLVIALPVPVIVSNFSRIYHQNRADKRR AQKKARLARIRVAKTGSSNAYLHSCRNGLLNEALELTGTPEEEQMGKTTSLIESQHHLLHCLEKTTNHE FIDEQMFQNCMESSQNYPSTRSPSLSSHSLTTTCCSRRSKKTTPLPNSNLPATRLRSMQELSTLHIQ GSEQPSLTTSRSSLNLKADDGLRPNCCKTSQITTAIISIPTPALTPEGESRPPPPASPGPNTNIPSITSNV VKVSAL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001039347
ORF Size:	1908 bp
Buffer:	PBS with 0.001% Pluronic F3190
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_001039347.1</u>
RefSeq Size:	7182 bp
RefSeq ORF:	1911 bp
Locus ID:	56543
UniProt ID:	<u>Q9Z0V1</u>
Cytogenetics:	3 F2.2
MW:	71.9 kDa