

Product datasheet for **RC207353A1V**

Human KCND1 (NM_004979) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KCND1 (NM_004979) AAV Particle
Tag:	Myc-DDK
Symbol:	KCND1
Synonyms:	KV4.1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207353 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGCAGGCCTGGCCACGTGGCTGCCTTTTGTCTGGGCAGCAGCAGTGGGCTGGCTGCCCCTGCCCC
AGCAACCCTGCCCCCGGCACCGGGGTGAAGGCATCTCGAGGAGATGAGGTTCTGGTGGTGAACGTGAG
CGGACGGCGCTTTGAGACTTGGAAGAATACGCTGGACCCTACCCAGACACCTTCTGGGCAGCTCGGAG
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TGCTGAACTTCTACCGAACGGGGCGGCTGCATTGCCACGGCAGGAGTGCATCCAGGCCCTTCGACGAAGA
GCTGGCTTTCTACGGCCTGGTTCGGAGCTAGTCGGTGACTGCTGCCTTGAAGAGTATCGGGACCGAAAG
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GTAGCACCTCTGTGCTTCCAGCCAGTGGGACCCGGAAGCCTGCTGTCTTCTGCTGCCCTCGCAGGGC
CAAGCGCCGCGCATCCGCTTGCCAACTCCACTGCCTCAGTCAGCCGTGGCAGCATGCAGGAGCTGGAC
ATGCTGGCAGGGCTGCGCAGGAGCCATGCCCTCAGAGCCGCTCCAGCCTCAATGCCAAGCCCCATGACA
GCCTTGACCTGAACTGCGACAGCGGGACTTCGTGGCTGCCATTATCAGCATCCCTACCCCTCCTGCCAA
CACCCAGATGAGAGCCAACCTTCTCCCTGGCGGCGGTGGCAGGGCCGGCAGCACCCCTCAGGAAGTCC
AGCCTGGGTACCCCTTGCTCTTCCCCGAGACTGTCAAGATCTCATCCCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC207353 protein sequence Red=Cloning site Green=Tags(s) MAAGLATWLPFARAAAVGWLPLAQQLPPAPGVKASRGDEVLVNVSGRRFETWKNTLD RYPDTLLGSSE KEFFYDADSGEYFFDRDPDMFRHVLNFYRTGRLHCPRQECIQAFDEELAFYGLVPELVGDCCLEEYRDRK KENAERLADEEAEQAGDGPALPAGSSLRQRLWRAFENPHTSTAALVFYYVTGFFIAVSIVANVETIPC RGSARRSSREQPCGERFPQAFFCMDTACVLIFTGEYLLRLFAAPSRCRFLRSVMSLIDVVAILPYYIGLL VPKNDDVSGAFVTLRVFRVFRIFKFSRHSQGLRILGYTLKSCASELGFLFSLTMAIIIFATVMFYAEKG TNKTNFTSIPAAFWYTIIVTMTTLGYGDMVPSTIAGKIFGSICSLSGVLVIALPVPVIVSNFSRIYHQNR ADKRRQQKQVRLARIRLAKSGTNAFLQYKQNGGLEDSGSQEEQALCVRNRSQFEQHHHLLHCLEKTTT HEFTDELTFSEALGAVSPGGRTSRSTSVSSQPVGPGSLLSSCCPRRAKRRRAIRLANSTASVSRGSMQELD MLAGLRRSHAPQSRSSLNAKPHDSLNLNCDSRDFVAAIISIPTPPANTPDESQPSPPGGGGGRAGSTLRNS SLGTPCLFPETVKISSL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004979
ORF Size:	1941 bp
Buffer:	PBS with 0.001% Pluronic F6041
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_004979.4, NP_004970.3</u>
RefSeq Size:	4720 bp
RefSeq ORF:	1944 bp
Locus ID:	3750
UniProt ID:	<u>Q9NSA2</u>
Cytogenetics:	Xp11.23
MW:	71.3 kDa