

Product datasheet for **RC209079A1V**

Human KIF17 (NM_020816) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KIF17 (NM_020816) AAV Particle
Tag:	Myc-DDK
Symbol:	KIF17
Synonyms:	KIF3X; KIF17B; KLP-2; OSM-3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC209079 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCCTCCGAGGCGGTGAAGGTTGTCGTGCGCTGCCGTCCCATGAACCAGCGGGAGCGAGAGCTGCGCT
GCCAGCCCGTGGTGACTGTGGACTGCGCGCGCGCCAGTGCTGCATCCAGAACCCGGGCGCCGCCGACGA
GCCGCCAAGCAGTTACCTTCGACGGCGCCTACCACGTGGACCACGTCACCGAGCAGATCTACAACGAG
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GCAGCGGAAGTCCTTCACCATGCAGGGCCTGCCGATCCGCCCTCCAGAGAGGCATCATCCCCAGGGC
CTTCGAGCAGCTGTTTCGAGAGCGTCCAGTGTGCAGAGAACTAAGTTCCTGGTCCGGGCTCCTACCTG
GAGATCTACAATGAAGATGTCCGGGACCTCCTTGGGGCTGACACCAAGCAGAAGCTGGAGCTGAAGGAGC
ACCCAGAGAAGGGCGTGTACGTGAAGGGGCTGTCCATGCACACGGTGCACAGCGTGGCCAGTGTGAGCA
CATCATGGAGACTGGCTGGAAGAACCCTTCGGTCGGCTACACGCTGATGAACAAGGATTCTCACGCTCG
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CAGCCCTGCTGTCCAGGAGGTGCCCCAGACCTGTGCAAGGTGGAGGAGAAGCTGTTGCCCAACCTGT
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CAGTATGAGACAGTGGTGAACCAAGGTCTTCTCCAGCTGACACTTGCCCAAGTACGATGTCTCCA
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CTCCAGTGAGTCATCCTCGCTCGAAGAAACCTCTGTGTCCGAGGCTTCCCTGGGCTGAGGAGCCCTCC
AACGTGGAGGTCTCCATGCCACTGAGGAGTCCAGGAGCAGATACTTCTGGATGAGTGCCTCGGGCAGG
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CCACTCAGCAACAACCTGCCATCCCAACCCAGGCCCTGAAATGCCCCAGCCCCGGCCCTTCCGCC
TCGAGTCCCTCGACATCCCTTTCACCAAGGCCAAGCGTAAGAAAAGCAAAAGCAACTTTGGCAGTGAGCC
TCTG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209079 protein sequence
Red=Cloning site Green=Tags(s)

MASEAVKVVVRCRPMNQRELRCLRCQPVVTVDCARAQCCIQNPGAADPEPKQFTFDGAYHVDHVTEQIYNE
IAYPLVEGVTEGYNGTIFAYGQTGSGKSFTMQGLPDPPSQRGIIPRAFEHVFESVQCAENTKFLVRASYL
EIYNEDVRDLLGADTKQKLELKEHPEKGVYVKGLSMHTVHSVAQCEHIMETGWKNRSVGTYLMNKDSSRS
HSIFTISIEMSAVDERGKDHLRAGKLNLDLAGSERQSKTGATGERLKEATKINLSALGNVISALVDG
RCKHVPYRDSKLTRLLQDSLGGNTKTLMAVCLSPADNNYDETLSTLRYANRAKNIRNKPRINEDPKDALL
REYQEEIKKLKAILTQQMSPSSLALLSRQVPPDPVQVEEKLLPQPIQHDMEAEKQLIREEYEEERLRL
KADYKAEQESRARLEEDITAMRNSYDVRLSTLEENLRKETEAVLQVGVLYKAEVMSRAEFASSAEYPPAF
QYETVVKPKVFSTDTLPDDVSKTQVSSRFELPKVEPSKSEISLGSSESSSLEETSVSEAFPGPEEPS
NVEVSMPTESRSRYFLDECLGQEAAGHLLGEQNYLPQEEPQEVPLQGLLGLQDPFAEVEAKLARLSSTV
ARTDAPQADVPKVPVQVPAPTDLLEPSDARPEAEAAADDPPRPEVDLASEVALEVVRTAEPGVWLEAQAP
VALVAQPEPLPATAGVKRESVGMVAVLTDPLPVVDQQQVLARLQLLEQQVVGGEQAKNKDLKEKHRR
KRYADERRKQLVAALQNSDESDGDWVLLNVYDSIQEEVRAKSKLLEKMQRKLRAAEVEIKDLQSEFQLEK
IDYLATIRRQERDSMLLQQLLEQVQPLIRRDENYSNLEKILRESCWDEDNGFWKIPHPVITKTSLPVST
GPQNKPARKTSAADNGEPNMEEDRYRLMLSRNSENIASNYFRSKRASQILSTDARKSLTHHNSPPGLSC
PLSNNAIPPTQAPEMPQPRPFRLESIDIPFTKAKRKKSKSNFGSEPL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_020816

ORF Size:

3084 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_020816.1</u>
RefSeq Size:	4003 bp
RefSeq ORF:	3090 bp
Locus ID:	57576
UniProt ID:	<u>Q9P2E2</u>
Cytogenetics:	1p36.12
MW:	115 kDa