

Product datasheet for **RC210042A1V**

Human KLF2 (NM_016270) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KLF2 (NM_016270) AAV Particle
Tag:	Myc-DDK
Symbol:	KLF2
Synonyms:	LKLF
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC210042 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCGCTGAGTGAACCCATCCTGCCGTCTTCTCCACTTTCGCCAGCCCGTGCCGCGAGCGCGGCCTGC
AGGAGCGCTGGCCGCGCGCCGAACCCGAGTCCGGCGGCACCGACGACCTCAACAGCGTGCTGGACTT
CATCCTGTCCATGGGGCTGGATGGCCTGGGCGCCGAGGCCGCCCGGAGCCGCCGCCGCCGCCGCCGCC
CCTGCGTTCTATTACCCGAACCCGGCGCGCCCCGCCCTACAGCGCCCCCGGGGTGGCTGGTGTCTG
AGTGCTGCGACCCGAGCTGGATGCGCCGCCGGGCCCGCACTGCACGGCCGCTTCTGCTGGCGCCGCC
CGGCCGCTGGTCAAGGCCGAGCCCCCTGAAGCGGACGGCGGCCGCGGTACGGCTGCGCCCCGGGCTG
ACCCGTGGACCGCGCGGCTCAAGCGCGAGGGCGCCCCGGGCCCGCGGCTTCGTGCATGCGAGGTCCCG
GGGGCGCCCCCGCGCGCCCGACACACCGCGCTCAGCCCCGACGGCCCCGCGCGCTGCCCGCGCC
CGGTCCGCGCGCTCTTCCCGCGCTTTCGGTGGCCCTGGTTTCGGCGCGCCCGGCCCGGCTGCAT
TACGCGCGCTGCGCCCCAGCCTTCGGTCTCTTCGACGACGCGCGCCCGCGCGGCGAGCCCTGGGCC
TGGCGCCCCCGCGCCCGGCTCTCTACGCCGCTGCGTCCCGCTGGAGCTGCTGGAGGCCAAGCC
AAAGCGCGGCCCGCTCTTGGCCCCGAAACGACCGCCACTCACACCTGCAGCTACGCGGCTGCGGC
AAGACTACACCAAGAGTTTCGCATCTGAAGGCGCATCTGCGCACGACACAGGTGAGAAGCCCTACCACT
GCAACTGGGACGCTGCGGCTGGAAGTTTTCGCGCTCAGACGAGCTCACGCGCCACTACCGAAAGCACAC
GGGCCACCGGCATTCCAGTGCCATCTGTGCGATCGTGCTTCTCGCGCTCCGATCACCTGGCGCTGCAC
ATGAAACGGCACATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC210042 protein sequence Red=Cloning site Green=Tags(s) MALSEPILPSFSTFASPCRERGLQERWPRAEPESGGTDDDLNSVLDLILSMGLDGLGAEAAPEPPPPPP PAFYYPEPGAPPPYSAPAGGLVSELLRPELDAPPGPALHGRFLLAPPGRLVKAEPPEADGGGGYGCAPGL TRGPRGLKREGAPGPAASCMRGPGRPPPPDPPLSPDGPAPLPAPGPRASFPPFPGPGFAPGPGH YAPPAPPAFGLFDDAAAAAALGLAPPAARGLLTPPASPLELLEAKPKRGRRSWPRKRTATHTCSYAGCG KTYTKSSHLKAHLRTHTGEKPYHCNWDGCGWKFARSDELTRHYRKHTGHRPFQCHLCDRAFSRSDHLALH MKRHM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_016270
ORF Size:	1065 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_016270.2</u>
RefSeq Size:	1655 bp
RefSeq ORF:	1068 bp
Locus ID:	10365
UniProt ID:	<u>Q9Y5W3</u>
Cytogenetics:	19p13.11
MW:	37.4 kDa