

Product datasheet for **RC202438A1V**

Human KLF5 (NM_001730) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KLF5 (NM_001730) AAV Particle
Tag:	Myc-DDK
Symbol:	KLF5
Synonyms:	BTEB2; CKLF; IKLF
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202438 representing NM_001730
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTACAAGGGTGCTGAGCATGAGCGCCCGCTGGGACCCGTGCCACGCGCCGCGCCGAGGACG
 AGCCGGTGTTCGCGCAGCTCAAGCCGGTCTGGGCGCCGGAATCCGGCCCGCAGCGCGGCTCTTCCC
 CGGCGAGGAGCTGAAGCACGCGCACCACCGCCCGCAGGCGCAGCCCGCGCCCGCAGGCCCGCAGCCG
 GCCAGCCGCCCGCCACCGCCCGGGCTGCCTCCAGAGGACCTGGTCCAGACAAGATGTGAAATGGAGA
 AGTATCTGACACCTCAGCTTCTCCAGTTCTATAATTCCAGAGCATAAAAAGTATAGACGAGACAGTGC
 CTCAGTCGTAGACCAGTTCTTCACTGACACTGAAGGGTTACCTTACAGTATCAACATGAACGTCTTCTC
 CCTGACATCACTACCTGAGAAGTGGCCTCTACAAATCCAGAGACCGTGCCTAACACACATCAAGACAG
 AACCTGTTGCCATTTTCAGCCACCAGAGTGAAACGACTGCCCCCTCTCCGGCCCCGACCCAGGCCCTCC
 TGAGTTCACCAGTATATTCAGCTCACACCAGACCGCAGCTCCAGAGGTGAACAATATTTTCATCAACAA
 GAATCTCTACACCAGATCTTCACTTTCTGTCCCTACCCAGCAGGGCCACCTGTACCAGCTACTGAATA
 CACCGGATCTAGATATGCCAGTTCTACAAATCAGACAGCAGCAATGGACTCTTAATGTTTCTATGTC
 AGCTGCCATGGCAGGCCCTAACACACACACTCTGCTGTTCCGCAGACTGCAGTAAACAATTCCAGGGC
 ATGCCCCCTTGACATACACAATGCCAAGTCAGTTTCTTCCACAACAGGCCACTTACTTTCCCCCGTAC
 CACCAAGCTCAGAGCCTGGAAGTCCAGATAGACAAGCAGAGATGCTCCAGAATTAACCCACCTCCATC
 CTATGCTGCTACAATTGCTTCTAACTGGCAATCACAATCCAAATTTACCCACCACCTGCCAGTTAAC
 TCACAAAACATCCAACCTGTAGATAACAATAGAAGGAGTAACCCCGATTGGAGAAACGACGCATCCACT
 ACTGCGATTACCTGGTTGCACAAAAGTTTATACCAAGTCTTCTCATTAAAAGCTCACCTGAGGACTCA
 CACTGGTGAAAAGCCATACAAGTGTACCTGGGAAGGCTGCGACTGGAGGTTTCGCGGATCGGATGAGCTG
 ACCCGCCACTACCGGAAGCACACAGGCGCAAGCCCTTCCAGTGCGGGTGTGCAACCGCAGTTCTCGC
 GCTCTGACCACCTGGCCCTGCATATGAAGAGGCACCAGAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202438 representing NM_001730
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MATRVLSMSARLGPVPQPPAPQDEPVFAQLKPVLGAANPARDAALFPGEELKHAHHRPQAQPAPAQAPQP
 AQPPATGPRLPPEDLVQTRCEMEKYLTPQLPPVPIIPEHKYRRDSASVVDQFFDTEGLPYSINMNVFL
 PDITHLRTGLYKSQRPCVTHIKTEPVAIFSHQSETTAPPPAPTQALPEFTSIFSSHQTAPEVNNIFIKQ
 ELPTPDLHLSVPTQQGHLYQLLNTPDLMPSSSTNQTAAMDTLNVSMSAAMAGLNHTHTSAVPQTAVKQFQG
 MPPCTYTMP SQFLPQQATYFPPSPSSSEPGSPDRQAEMLQNLTPPPSYAATIASKLAIHNPNLPTLPVN
 SQNIQPVRYNRRSNPDLEKRRIHYCDYPGCTKVYTKSSHLKAHLRTHTGEKPYKCTWEGCDWRFARSDEL
 TRHYRKHTGAKPFQCGVCNRSFSRSDHLALHMKRHQN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001730

ORF Size:

1371 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_001730.3</u>
RefSeq Size:	3350 bp
RefSeq ORF:	1374 bp
Locus ID:	688
UniProt ID:	<u>Q13887</u>
Cytogenetics:	13q22.1
MW:	50.6 kDa