

Product datasheet for **RC217567A1V**

Human KLC4 (NM_201522) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KLC4 (NM_201522) AAV Particle
Tag:	Myc-DDK
Symbol:	KLC4
Synonyms:	bA387M24.3; KNSL8
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC217567 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTCAGGCCTGGTGTGGGGCAGCGGGATGAGCCTGCAGGCCACCGGCTCAGCCAAGAGGAGATCCTGG
 GGAGCACACGGCTGGTCAGCCAAGGGCTAGAGGCCCTACGCAGTGAACACCAGGCCGTGCTGCAAAGCCT
 GTCCCAGACCATTGAGTGTCTGCAGCAGGGAGGCCATGAGGAAGGGCTGGTGCATGAGAAGGCCCGGCAG
 CTTGCGCGTTCTATGGAAACATTGAGCTCGGGCTGAGTGAGGCCAGGTGATGCTGGCTCTAGCCAGCC
 ACCTGAGCACAGTGGAGTCGGAGAAACAGAAGCTGCGGGCTCAGGTGCGCGGCTATGCCAGGAGAACCA
 GTGGCTGCGGGATGAGCTGGCTGGCACCCAGCAGCGGCTACAGCGCAGTGAACAGGCTGTGGCTCAGCTG
 GAGGAGGAAAAGAAGCACCTGGAGTTCCTGGGGCAGCTGCGGCAGTATGATGAGGATGGACATACCTCGG
 AGGAGAAAAGAAGCGATGCCACCAAGGATCCCTGGATGACCTCTTCTAATGAGGAGGAAGAGGACCC
 CAGCAATGGCTTGTCCCCTGGTCAAGGTGCTACAGCAGCTCAGCAGGGTGGATATGAGATCCCAGCAAGG
 TTGCGGACGTTGCACAACCTGGTGATCCAGTACGACGCCCAAGGTCGCTATGAGGTGGCCGTGCCACTCT
 GTAAGCAGGCACTAGAGGACCTGGAGCGCACATCAGGCCGTGGCCACCCTGATGTGCGCCACCATGCTCAA
 CATCCTTGCTTTGGTGTATCGTGACCAGAATAAGTATAAGGAAGCTGCCACCTGCTGAATGATGCCCTT
 AGCATCCGGGAGAGCACCTTGGGACCTGACCATCTGCTGTGGCTGCCACACTCAACAATTTGGCTGTGC
 TCTATGGCAAAAGGGCAAGTACAAGGAGGCAGAGCCTCTGTGCCAGCGGGCACTGGAGATTCGAGAAAA
 GGTCTTGGGCACGAATCATCCAGATGTGGCAAAACAGCTGAACAACCTGGCCCTCTTGCCAAAAACCAG
 GGCAAGTATGAGGCCGTGGAACGCTACTACCAGCGAGCACTGGCCATCTACGAGGGGCAGCTGGGGCCGG
 ACAACCTAATGTAGCCCGGACCAAGAACAACCTGGCTTCTGTTACCTGAAACAGGGCAAATATGCTGA
 GGCTGAGACACTATACAAAGAGATCCTGACCCGTGCCCATGTACAGGAGTTTGGGTCTGTGGATGATGAC
 CACAAGCCCATCTGGATGCATGCAGAGGAGCGGGAGGAAATGAGCAAAAGCCGGCACCATGAGGGTGGGA
 CACCCTATGCTGAGTATGGAGGCTGGTACAAGGCTGCAAAGTGAAGCAGCCCCACAGTGAACACTACTCT
 GAGAAACCTGGGAGCTCTGTATAGGCGCCAGGGAAGCTGGAGGCTGCTGAGACCCTGGAGGAATGTGCC
 CTGCGGTCCCGGAGACAGGGCACTGACCCTATCAGCCAGACGAAGGTGGCAGAGCTGCTTGGGAGAGTG
 ATGGTAGAAGGACCTCCAGGAGGGCCCTGGAGACAGTGTGAAATTCGAGGGAGGTGAAGATGCTTCTGT
 GGCTGTGGAGTGGTCCGGGATGGCAGTGGGACCCTGCAGAGGAGTGGCTCTCTTGGCAAGATCCGGGAT
 GTGCTCCGCAGAAAGCAGTGAACCTTGGTGAGGAAGCTCCAGGGGACTGAGCCTCGGCCCTCCAGCAGCA
 ACATGAAGCGAGCAGCCTCCTTGAACCTATCTGAACCAACCTAGTGACGACCCCTCCAGGTCTCCCGGG
 CCTCAGTGCCAGCACCATGGACCTCTCTCAAGCAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

Protein Sequence:

>RC217567 protein sequence
 Red=Cloning site Green=Tags(s)

MSGLVLGQRDEPAGHRLSQEEILGSTRLVVSQGLEALRSEHQAVLQSLQTIECLQQGGHEEGLVHEKARQ
 LRRSMENIELGLSEAQVMLALASHLSTVESEKQLRAQVRRLCQENQWLRLDELQQLRSEQAVAQL
 EEEKKHLEFLGLRQYDEGHTSEEKEGDKSLDDLPNEEEEDPSNGLSRQGATAAQGGYEIPAR
 LRTLHNLVIQYAAQGRYEVAVPLCKQALEDLERTSGRHPDVATMLNILALVYRDQNKYEAAHLLNDAL
 SIRESTLGPDPAPAAATLNNLAVLYGKRKYKEAEPLCQRALEIREKVLGTNHPDVAKQLNNLALLCQNG
 GKYEAVERYQYRALIYEGQLGPDNPNVARTKNNLASCYLKQKYAEATLYKEILTRAHVQEFSGVDDD
 HKPIWMHAEEREEMSKSRHHEGGTPYAEYGGWYKACKVSSPTVNTTLRNLGALYRRQGLKLEAETLEECA
 LRSRRQTDPIISQTKVAELLGESDGRRTSQEGPDSVKFEGGEDASVAVESGDSGTLQRSGLGKIRD
 VLRRSELLVRKLQGTETPRPSSSNMKRAASLNLYNQPSAAPLQVSRGLSASTMDLSSSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_201522
ORF Size:	1857 bp
Buffer:	PBS with 0.001% Pluronic F7709
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_201522.1</u>
RefSeq Size:	2820 bp
RefSeq ORF:	1860 bp
Locus ID:	89953
UniProt ID:	<u>Q9NSK0</u>
Cytogenetics:	6p21.1
MW:	68.6 kDa