

Product datasheet for **RC215326A1V**

Human KIFC1 (NM_002263) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KIFC1 (NM_002263) AAV Particle
Tag:	Myc-DDK
Symbol:	KIFC1
Synonyms:	HSET; KNSL2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC215326 representing NM_002263
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGATCCGCAGAGGTCCCCCTATTGGAAGTAAAGGGGAACATAGAAGTGAAGAGACCTCTGATTAAGG
 CCCCTTCCAGCTGCCTCTCTCAGGAAGCAGACTCAAGAGGAGGCCTGACCAGATGGAAGATGGCCTGGA
 GCCTGAGAAGAAACGGACAAGAGGCCTGGGTGCAACGACCAAAATTACCACATCCCACCAAGAGTTCCA
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 GGTGAGTTATGTGACCTAAATGCAGAACTAAACGGTGCCGTGAGAGGACTCAAACGTTGGACCAAGAGA
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 ACCCCCTGGCCTCCTCTGTTTCCCTCTGGCCCTGGTGGGCCCTCTGATCCTCCAACCCGCTTAGCCCTC
 TCCCGGTCTGACGAGCGGCTGGGACCTGAGTGGGGCACCAGCTCCCCAACTCGCCATGATTTTTCT
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 ACGCCCTGCTTCATCTGGCCCGCAGAATCGGGCTGTGGCCCGCACAGCCAGAATGAACGGTCATCAG
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 CTCAGTCTTGTGACCTGGCCGGGAGTGAGCGACTTGACCCCGGCTTAGCCCTCGGCCCGGGGAGCGGG
 AACGCCTTCGGGAAACACAGGCCATTAAACAGCAGCCTGTCCACGCTGGGGCTGGTTATCATGGCCCTGAG
 CAACAAGGAGTCCCACGTGCCTTACCGGAACAGCAAAGTACCTACCTGCTGCAGAACTCTCTGGGTGGT
 AGTGCTAAGATGCTCATGTTTGTGAACATTTCTCCACTGGAAGAGAAGCTCTCCGAGTCCCTCAACTCTC
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC215326 representing NM_002263 Red=Cloning site Green=Tags(s) MDPQRSPLLEVKGNIELKRPLIKAPSQLPLSGSRLKRRPDQMEDGLEPEKKRTRGLGATTKITTSHPRVP SLTTVPQTQGGTTAQKVSCKTGPRCSTAIATGLKNQKPVAVPVQKSGTSGVPPMAGGKKPSKRPADWLK GQLCDLNAELKRCRERTQTLQENQQLQDQLRDAQQVKALGTERTTLEHGLAKVQAQAEQGQELKNLR ACVLELEERLSTQEGLVQELQKKQVELQEERRGLMSQLEEKERRLQTSEAAALSSQAEVASLRQETVAQA ALLTEREERLHGLEMERRLHNQLQELKGNIRVFCRVRPVLPGEPTPPPGLLLFPSGPGGSDPPTRL SRSDERRGTLGAPAPPTRHDFSFDRVFPPGSGQDEVFEEIAMLVQSALDGYPVCIFAYGQTGSGKTFTM EGGPGGDPQLEGLIPRALRHLFSAQELSGQGWTSFVASYVEIYNETVRDLLATGTRKGQGGCEIRRA GPGSEELTVTNARYVPVSCEKEVDALLHLARQNRAVARTAQNERSSRSHSVFQLQISGEHSSRGLQCGAP LSLVDLAGSERLDPGLALGPPERERLRETQAINSSLTLGLVIMALSNKESHVPYRNSKLTYLLQNSLGG SAKMLMFVNISPLEENVSESLNLRFAKVNQCIVIGTAQANRK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002263
ORF Size:	2019 bp
Buffer:	PBS with 0.001% Pluronic F7364
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_002263.2</u>
RefSeq Size:	2391 bp
RefSeq ORF:	2022 bp
Locus ID:	3833
UniProt ID:	<u>Q9BW19</u>
Cytogenetics:	6p21.32
MW:	73.6 kDa