

Product datasheet for **RC205347A1V**

Human KLHL2 (NM_007246) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KLHL2 (NM_007246) AAV Particle
Tag:	Myc-DDK
Symbol:	KLHL2
Synonyms:	ABP-KELCH; MAV; MAYVEN
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC205347 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAGACGCCGCCGCTGCCTCCCGCATGCACAAAGCAGGGTCATCAGAAGCCTCTCGATTCAAAAGATG
 ATAATACCGAAAAACACTGCCAGTGACAGTGAATCCTTGGCATATGAAGAAAGCTTTCAAAGTCATGAA
 CGAATTAAGAAGTCAAAATTTGCTGTGCGATGTCACAATTGTGGCAGAAGACATGGAAATTTCTGCTCAT
 AGAGTGGTGTGGCCGCTGTAGTCCTTATTTTCATGCCATGTTTACAGGTGAGATGAGTGAGAGCCGAG
 CAAAGAGAGTTAGAATAAAAGAGGTAGATGGCTGGACCCTGAGGATGCTAATTGATTATGTTTACACTGC
 AGAAATTCAGGTTACAGAAGAAATGTACAGTACTTCTCCAGCAGCTGGTCTTACAGTTACAGGAT
 GTGAAGAAGACTTGTGTGAATTTTGAATCCAGCTTCACCCTGTCACTGCTTAGGAATCCGGGCTT
 TTGCTGATATGCATGCATGTACTGACCTTCTGAACAAGGCCAACACCTATGCAGAGCAACATTTTGCAGA
 TGTTGTACTTAGTGAAGAATTTCTCAATCTTGGCATCGAACAAGTGTGCAGCTTAATCTCAAGTGACAAA
 CTTACCATTTCTTCAGAAGAGAAGGTATTTGAAGCAGTAATAGCATGGGTGAACCATGACAAGGATGTGA
 GGCAAGAGTTTATGGCCGACTGATGGAACATGTACGGTTACCTTTGCTTCTCGGGAATATTTAGTTCA
 GAGGGTTGAAGAGGAAGCATTGGTCAAGAATAGCAGTGCTTCAAAGATTACCTCATTGAAGCAATGAAG
 TACCATTTGCTGCCAACAGAGCAGCGTATTAATGAAGAGTGTCCGGACCCGGCTGAGGACACCCATGA
 ACCTTCCCAAATTGATGGTGGTGGTGGGGGCCAAGCACCAAAGGCTATCCGGAGTGTGGAATGCTATGA
 CTTTAAAGAAGAAAGTGGCACCAGTAGCAGAGTTGCCTTCCAGGAGGTGCAGGGCAGGCATGGTCTAC
 ATGGCTGGACTTGTTTTGTGTTGGTGGCTTAAATGGCTCATTAAAGAGTTCGCACTGTAGATTCTACG
 ACCCTGTGAAGGACAGTGGACCAGCGTTGCTAACATGAGAGACCGGAGAAGCACTTTGGGAGCTGCTGT
 GTTAAATGGATTATTATACGCTGTGGGAGGCTTTGATGGGAGTACAGGTTTGTCACTCTGTGGAAGCATA
 AACATAAAGTCTAATGAGTGGTTTCATGTAGCTCCCATGAATACAAGGAGGAGCAGTGTGGTGTGGGTG
 TTGTTGGAGGTTTGTCTATGCTGTAGGAGTTATGATGTAGCATCACGTGAGTGTCTTAGCACAGTAGA
 ATGCTATAATGCTACAACAAATGAGTGGACCTATATAGCAGAAATGAGCACCAGGCGGAGTGGAGCAGGT
 GTTGGTGTGTTAAACAATTTATTGTATGCTGTAGGAGGTGATGATGGCCCTTTAGTACGAAAAAGTGTG
 AAGTATATGATCCCACTAACGCATGGAGACAGGTTGCAGATGAACATGTGCAGAAGAAATGCAGG
 AGTTTGTGCAGTTAATGGTCTGTTATATGTTGTTGGAGGGGATGATGGTCTCTGTAAGTGGCGTCAGTA
 GAATATTATAACCAACAACCGATAAATGGACAGTTGTGTCATCGTGTATGAGCACAGGGAGAAGTTATG
 CAGGGGTCACAGTTATTGATAAACGATTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205347 protein sequence
 Red=Cloning site Green=Tags(s)

METPPLPPACTKQGHQKPLDSKDDNTEKHCPVTVNPWHMKKAFKVMNELRSQNLLCDVTIVAEDMEISAH
 RVVLAACSPYFHAMFTGEMSESRAKRVRIKEVDGWTLRMLIDYVYTAEIQVTEENVQVLLPAAGLLQLQD
 VKKTCCEFLESQHPVNCLGIRAFADMHACTDLLNKANTYAEQHFADVVLSEFNLNLGIEQVCSLISDDK
 LTISSEKVFEEAVIAWVNHDKDVRQEFMARLMEHVRLPLLPREYLQRVVEEALVKNSSACKDYLIEAMK
 YHLLPTEQRILMKSVRTRLRTPMNLPKLMVVVGQAPKAIRSVECYDFKEERWHQVAELPSRRCRAGMVY
 MAGLVFAVGGFNGSLRVRTVDSYDPVKDQWTSVANMRDRRSTLGAAVLNGLLYAVGGFDGSTGLSSVEAY
 NIKSNEWFHVAPMNTRRSSVGVGVVGLLYAVGGYDVASRQCLSTVECYNATTNEWYIEMSTRRSAG
 VGVLNLLYAVGGHGDGPLVRKSVEYDPTTNWRQVADNMCMRRNAGVCAVNGLLYVVGDDGSCNLASV
 EYYPPTDKWTVVSSCMSTGRSYAGVTVIDKRL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_007246
ORF Size:	1779 bp
Buffer:	PBS with 0.001% Pluronic F5687
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_007246.2, NP_009177.2</u>
RefSeq Size:	3137 bp
RefSeq ORF:	1782 bp
Locus ID:	11275
UniProt ID:	<u>O95198</u>
Cytogenetics:	4q32.3
MW:	66.1 kDa