

Product datasheet for **RC208038A1V**

Human KLHL7 (NM_001031710) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KLHL7 (NM_001031710) AAV Particle
Tag:	Myc-DDK
Symbol:	KLHL7
Synonyms:	CISS3; KLHL6; PERCHING; SBB126
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC208038 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGCCTCTGGGTGGAGAAGAGCAGCAAGAAGAAGACCGAGAAGAACTTGCTGCTCGGGAAGAAG
 CTAAATTGTTGGCGGGTTTCATGGGCGTCATGAATAACATGCGGAAACAGAAAACGTTGTGTGACGTGAT
 CCTCATGGTCCAGGAAAGAAAGATACCTGCTCATCGTGTGTTCTTGCTGCAGCCAGTCATTTTTTTAAC
 TTAATGTTCACTAACATGCTGAATCAAAGTCCTTTGAAGTGAAGTCAAAGATGCTGAACCTGATA
 TTATTGAACAAGTGGGAATTTGCTTATACTGCTAGAATTTCCGTGAATAGCAACAATGTTTCAGTCTTT
 GTTGGATGCAGCAACCAATATCAGATTGAACCTGTGAAGAAAATGTGTGTTGATTTTTTGAAGAACA
 GTTGATGCTTCAAATTGCTTGGTATAAGTGTGCTAGCGGAGTGTCTAGATTGCTCCTGAATTGAAAGCAA
 CTGCAGATGACTTTATTCATCAGCACTTTACTGAAGTTTACAAAAGTATGAATTTCTCAACTTGATGT
 CAAGCGAGTAACACATCTTCTCAACCAGGACACTCTGACTGTGAGAGCAGAGGATCAGGTTTATGATGCT
 GCAGTCAGGTGGTTGAAATACGATGAACCTAATCGCCAGCCATTATGGTTGATATCCTTGCTAAAGTCA
 GGTTTCCTCTTATATCAAAGAATTTCTTAAGTAAAACGGTACAAGCTGAACCACTTATCAAGACAATCC
 TGAATGCCTTAAGATGGTGATAAGTGAATGAGGTACCATCTACTGTCTCCAGAGGACCGAGAAGAACTT
 GTAGATGGCACAAGACCTAGAAGAAAGAAACATGACTACCGCATAGCCCTATTTGGAGGCTCTCAACCAC
 AGTCTTGATAGATATTTAAACCAAGGATTATAGCTGGACAGACATCCGCTGCCCTTTGAAAAACGAAG
 AGATGCAGCATGCGTGTGTTGGGACAATGTAGTATACATTTGGGAGGCTCTCAGCTTTCCCAATAAAG
 CGAATGGACTGCTATAATGTAGTGAAGGATAGCTGGTATTCGAACTGGGCTCTCCGACACCTCGAGACA
 GCCTTGCTGCATGTGCTGCAGAAGGCAAAATTTATACATCTGGAGGTTTCAAGTGAAGAACTCAGCTCT
 GTATTTATTTGAGTGCTATGATACGAGAACTGAAAGCTGGCACACAAAGCCAGCATGCTGACCCAGCGC
 TGCAGCCATGGGATGGTGAAGCCAATGGCCTAATCTATGTTTGGTGAAGTTTAGGAAACAATGTTT
 CTGGGAGAGTGCTTAATCCTGTGAAGTTTATGATCCTGCCACAGAAACATGGACTGAGCTGTGTCCAAT
 GATTGAAGCCAGGAAGAATCATGGGCTGGTATTTGTAAGACAAGATATTTGCTGTGGGTGGTCAGAAT
 GGTTTAGGTGGTCTGGACAATGTGAATATTACGATATTAAGTTGAACGAATGGAAGATGGTCTCACCAA
 TGCCATGAAGGGTGAACAGTGAATGTGCAGCAGTTGGCTCTATAGTTTATGCTTGGCTGGTTTTCA
 GGGTGTGGTTCGATTAGGACACATTCTGAATATAATACCGAAACAGACAAATGGGTTGCCAACTCCAAA
 GTTCGTGCTTTTCCAGTCACAAGTTGTTAATTTGTGTTGTCGATACTTGTGGAGCAATGAAGAGACCC
 TTGAAACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208038 protein sequence
 Red=Cloning site Green=Tags(s)

MAASGVEKSSKKKTEKKLAAREEAKLLAGFMGMNMNRKQKTLCDVILMVQERKIPAHRVVLAASHFFN
 LMFTTNMLESKSFELELKDAEPDIEQLVEFAYTARISVNSNNVQSLLDAANQYQIEPVKKMCDVFLKEQ
 VDASNCLGISVLAECDCPELKATADDFIHQHFTEVYKTDEFLQLDVKRVTHLLNQDTLTVRAEDQVYDA
 AVRWLKYDEPNRQPFMVDILAKVRFLISKNFLSKTVQAEPLIQDNPECLKMVISGMRHYHLLSPEDREEL
 VDGTRPRRKKHDYRIALFGGSQPQSCRYFNPKDYSWTDIRCPFEKRRDAACVFDNVDVYILGGSQFLPIK
 RMDCYNVVKDSWYSKLGPPTPRDSLAAACAAEGKIYTSGGSEVGNLSALYLFECYDTRTESWHTKPSMLTQR
 CSHGMVEANGLIYVCGSLGNNVSGRVLNSCEVYDPATETWTELCPMIEARKNHGLVFVKDKIFAVGGQN
 GLGGLDNVEYYDIKLNWKMVSPMPWKGVTVKCAAVGSIVYVLAGFQGVGRLGHILEYNTETDKWVANSK
 VRAFPVTSCLICVVDTCANEETLET

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001031710
ORF Size:	1758 bp
Buffer:	PBS with 0.001% Pluronic F6193
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_001031710.1, NP_001026880.1</u>
RefSeq Size:	3195 bp
RefSeq ORF:	1761 bp
Locus ID:	55975
UniProt ID:	<u>Q8IXQ5</u>
Cytogenetics:	7p15.3
MW:	66 kDa