

Product datasheet for **RC213832A1V**

Human KBTBD5 (KLHL40) (NM_152393) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KBTBD5 (KLHL40) (NM_152393) AAV Particle
Tag:	Myc-DDK
Symbol:	KLHL40
Synonyms:	KBTBD5; NEM8; SRYP; SYRP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC213832 representing NM_152393
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCGCTGGGCTTGGAGCAGGCGGAGGAGCAGCGTTGTACCAGCAGACGCTCCTGCAAGACGGGCTCA
 AAGACATGCTGGACCATGGCAAGTTCTCGACTGTGTGGTGGGGCGGGCGAGCGCAGTTCCCGTGCCA
 TCGCCTGGTGGTGGCGCCTGCAGCCCTACTTCCGGCGCGCTTTCTAGCCGAGCCGGAGCGCGCGGGC
 GAGCTGCACCTGGAGGAGGTGTCCCGGACGTGGTGGCCAGGTGCTGCACTACCTGTACACATCAGAGA
 TCGCGCTGGATGAGGCGAGCGTGCAGGATTTGTCGCCGCGGCACACCGCTTCCAGATCCCTTCCATCTT
 CACCATCTGCGTGTCTTCTGCAGAAGCGCTGTGCCTCTCAACTGCTTGGCCGTCTTCCGTCTCGGC
 CTCCTGCTCGACTGCGCGCTCTCGCCGTGGTGGCCGCACTTCACTGCGCTCACTTACGCTGGTGG
 CGCGCGACGCTGACTTCTCGACTCTCGGCCGACGAGCTCATCGCCATCATCTCCAGCGACGGCCTTAA
 CGTGGAGAAGGAGGAGCAGTGTTCGAGCGGTGATGCGGTGGCGGGTAGCGGCGACGCCGAGGCGCAG
 GCTGAGCGCCAGCGCGCTGCCACCGCTTTCGAGAGCGTGCCTGCCGCTTGTGCCGCGCGCTTTC
 TGGAAAGCCGCTGGAGCGCCACCTCTCGTGCCTGCCAGCCGAGTTGCTGCGCAAGGTGCAGATGGT
 GAAGGATGCACACGAGGGCCGCATCACCACGCTGCGGAAGAAAAAGAGGGAAGGATGGAGCCGGGGCC
 AAGGAGGCTGATAAGGGCACAAGCAAAGCCAAAGCAGAGGAGGATGAGGAGGCCGAACGTATCCTTCTG
 GGATCTCAATGACACCTGCGCTTTCGGCATGTTCTGCGAGGATCTCATCTTATGATCAGTGAGGAGGG
 CGCTGTGGCTACGATCCAGCAGCCAACGAGTGTCTGCTGCTTCCCTCTCCAGCCAGGTCCCCAAGAAC
 CAGTCAAGCTGGTTACCAAGGAGAACCAGGTCTTCTGCTGGTGGAGGCTTCTTACAACGAAGACAACA
 AAGAGGACCCCATGAGCGCACTTCTGCACTTTGACCATCTGAGTCAAGTGGTGGGATGCCACC
 GCTGCCCTCGCCCGCTGCCTCTTTGGCTGGGAGAAGCTCTCAACTCCATCTACGTGGTGGTGGCAGA
 GAGATCAAGGACGGCGAGCGCTGCCTGGACTCGGTGCTGCTACGACAGGCTGTATTCAAATGGGGTG
 AATCGGACCCGCTGCCTTACGTGGTGTATGGCCACACAGTGTCTCCCATGGACCTTGTCTACGTAAT
 TGGCGGCAAGGAGTGCAGGAAGTGCCTGAACAAGATGTGCTCTATGACCCCAAGAAGTTTGAAGTG
 AAGGAGCTGGCAGCCATGCAGACCGCCGCTCACTCTTTGGGGCCACTGTCCATGATGGCCGATTATCG
 TGGCAGCTGGGGTACCAGACACAGGGCTGACAGTTCTGCCGAAGTGTACAGCATCACAGACAACAAGTG
 GGCACCTTCGAGGCCTTCCACAGGAGCGTAGCTCACTAGCCTGGTCAAGCTGGTGGGTACCTCTAT
 GCCATTGGTGGCTTTGCCCACTGGAGACGGAGTCTGGAGAGTGGTTCACAGAGCTCAATGACATCT
 GGAGGTATAACGAGGAGGAGAAGAAATGGGAGGTGTCTGCGGAGATCGCCTATGCAGCAGGTGCCAC
 TTCTACAGTGGCGCTCAATGTGCTGTGCTGACTAAGATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MALGLEQAEQRLYQQTLLQDGLKDMLDHGKFLDCVVRAGEREFPCRLVLAACSPYFRARFLAEPERAG
 ELHLEEVSPDVVAQVLHYLYTSEIALDEASVQDLFAAAHRFQIPSIPTICVSFLQKRLCLSNCLAVFRLG
 LLLDCARLAVAARDFICAHFTLVARDADFLGLSADELIAIISDGLNVEKEEAVFEAVMRWAGSGDAEAQ
 AERQRLPTVFESVRCRLPRAFLSRVERHPLVRAQPELLRKVQMVKDAHEGRITTLRKKKKGKDGAGA
 KEADKGTSKAKAEDEEAERILPGILNDTLRFGMFLQDLIFMISEEGAVAYDPAANECYASLSSQVPMN
 HVSLVTENQVFVAGGLFYNEKNKEDPMSAYFLQFDHLDSEWLGMPPLSPRCLFGLGEALNSIYVVGGR
 EIKDGERCLDSVMCYDRLSFKWGESDPLPYVYVGHVTLVSHMDLVYVIGGKGS DRKCLNKMVYDPKKFEW
 KELAPMQTARSLFGATVHDGRIIVAAGVTDGLTSSAEVYSITDNKWAPFEAFQERSSLSLVSLVGTLY
 AIGGFATLETESGELVPTLNDIWRYNEEKKWEGVLREIAYAAGATFLPVRLNVLC LTKM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_152393
ORF Size:	1863 bp
Buffer:	PBS with 0.001% Pluronic F7120
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_152393.2</u>
RefSeq Size:	2423 bp
RefSeq ORF:	1866 bp
Locus ID:	131377
UniProt ID:	<u>Q2TBA0</u>
Cytogenetics:	3p22.1
MW:	69.1 kDa