

Product datasheet for **RC200295A1V**

Human KBTBD10 (KLHL41) (NM_006063) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KBTBD10 (KLHL41) (NM_006063) AAV Particle
Tag:	Myc-DDK
Symbol:	KLHL41
Synonyms:	KBTBD10; Krp1; SARCOSIN
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC200295 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGATTCCCAGCGGAACTTGCAGAGAACTGCGGCTTACCAATCCACCCTTCTTCAGGATGGTCTAA
 AAGATCTCCTGGATGAGAAAAAATTCATCGATTGCACCCATAAAGCAGGTGACAAAAGTCTTCCTTGCCA
 CAGATTGATTTTGTAGCTTGTAGTCTTACTTCCGTGAGTACTTTTTATCTGAAATGATGAGGCGAAA
 AAAAAGGAGGTAGTGCTAGACAATGTGGATCCTGCTATACTTGATTTAATCATCAAAATCCTGTACTCTG
 CCAGTATTGATCTCAATGACGGAATGTGCAAGATATTTTGCATTGGCCAGCCGCTTTCAGATCCCTC
 AGTGTCTACTGTGCTGCTTCTTATCTTCAGAAAAGACTTGCTCCTGTAAGTGTCTAGCCATCTAAGA
 TTAGGACTTCTTCTGACTGCCCAGACTCGCCATTTCTGCCGTGAATTTGTGTCTGATCGCTTTGTAC
 AGATTTGTAAGGAAGAGGACTTTATGCAACTGTCTCCACAGGAAGTATCTCAGTCATTTCAAATGACAG
 CCTAAATGTAGAAAAAGAAGAAGCAGTATTTGAGGCAGTGATGAAATGGGTGCGAACAGACAAGGAAAC
 AGGGTTAAAAACCTTAGTGAAGTGTGATTGTATCCGTTTTCGCCTTATGACAGAAAAATATTTAAGG
 ATCATGTTGAGAAAGATGATATAATTAAGCAACCCAGACCTCCAGAAAAAATCAAAGTTCTAAAAGA
 TGCTTTGCGAGGCAAACTCCAGAACCTAGCAAAAATGCCGGAAGACTGGGGCTGGTGAGGTGAATGGT
 GATGTTGGTGATGAAGATTTACTTCTGGTTACCTGAATGACATTCACAGGCATGGAATGTTTGTAAAG
 ACCTCATCCTCTTGGTTAATGACACAGCAGCAGTGCTTATGACCCACGGAAAATGAATGCTACCTTAC
 TGCAGTGGCTGAGCAGATTCCAGAAATCATTCCAGCATTGTTACCCAGCAAAATCAGATATATGTGGTA
 GGAGGACTATATGTGGATGAAGAAAATAAGGATCAACCTCTACAGTCATACTTCTCCAGCTCGATAGCA
 TAGCATCTGAATGGGTTGGACTTCCACCTCTGCCTTCAGCCAGGTGTCTTTCGGTCTGGGAGAGGTGGA
 TGATAAAATCTATGTAGTTGCAGGCAAGACCTTCAAACAGAGGCTTCGCTGGATTGAGTATTATGCTAT
 GATCCTGTGGCTGCAAAATGGAACGAAGTAAAAAACTCCCTATCAAAGTCTATGGCCATAATGTGATTT
 CACATAAAGGGATGATATATTGTCTAGGAGGAAAGACAGATGACAAAAATGTACAAACAGGGTGTATTAT
 CTTCAACCCCAAAAAGGAGATTGGAAGATCTGGCTCCAATGAAAATTCCTCGTTCCATGTTTGGAGTA
 GCAGTCCATAAAGGCAAAATTGTGATTGCAGGAGGTGCTACTGAAGATGGTCTTTCAGCTTCAGTTGAAG
 CTTTGGACCTTACAACAAATAAATGGGATGTAATGACCGAATTTCCCAAGAAAGAAGCTCCATCAGTTT
 GGTGAGCTGGCTGGATCTCTGTATGCAATTGGTGGTTTGTCTATGATTCAACTGGAGTCTAAAGATTT
 GCACCCACTGAAGTCAATGACATATGGAAGTATGAAGATGATAAAAAAGAAATGGGCTGGGATGTTGAAGG
 AAATACGTTATGCTTCAGGAGCTAGTTGCCTAGCAACACGTTTAAATCTCTTCAAAGTGTCTAAAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200295 protein sequence
 Red=Cloning site Green=Tags(s)

MDSQRELAEEELRLYQSTLLQDGLKDLLDEKKFIDCTLKAGDKSLPCHRLILSACSPYFREYFLSEIDEAK
 KKEVVLNDVDPAILDLIIKYLVSASIDLNDGNVQDIFALASRFQIPSVFTVCVSYLQKRLAPGNCLAILR
 LGLLLDCPRLAISAREFVSDFVQICKEDFMQLSPQELISVISNDSL NVEKEEAVFEAVMKWVRTDKEN
 RVKNLSEVDCIRFRLMTEKYFKDHVEKDDIIKSNPDLQKKIKVLKDAFAGKLPEPSKNAAGTGAGEVNG
 DVGDELLPGYLNDIPRHGMFVKDLILLVNDTAAVAYDPTENECYLTALAEQIPRNHSSIVTQQNQIYVV
 GGLYVDEENKDQPLQSYFFQLDSIASEWVGLPPLPSARCLFGLGEVDDKIYVVAGKDLQTEASLDSVLCY
 DPVAAKWNEVKKLPIKVVYGHNVISHKGMIVCLGGKTDDKKCTNRVIFNPKKGDWKLAPMKIPRSMFGV
 AVHKGKIVIAAGVTEGLSASVEAFDLTTNKWDVMTFEPQERSISLVSLAGSLYAIGGFAMIQLESKEF
 APTEVNDIWKYEDDKKEWAGMLKEIRYASGASCLATRLNLFKLSKL

TRTRPLE**QKLISEEDLA**ANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_006063
ORF Size:	1818 bp
Buffer:	PBS with 0.001% Pluronic F5037
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_006063.2</u>
RefSeq Size:	2472 bp
RefSeq ORF:	1821 bp
Locus ID:	10324
UniProt ID:	<u>O60662</u>
Cytogenetics:	2q31.1
MW:	68 kDa