

Product datasheet for **MR216861A1V**

Mouse Klhl40 (NM_028202) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Klhl40 (NM_028202) AAV Particle
Tag:	Myc-DDK
Symbol:	Klhl40
Synonyms:	2310024D23Rik; Kbtbd5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR216861 representing NM_028202
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGACGCTGGGCTTGGAGCAGGCGGAGGAACAGCGTCTGTACCAGCAGACGCTCCTGCAAGACGGCCTCA
 AGGACATGCTGGACCACGGCAAGTTCTAGACTGTGTAGTGCGCGTGGGTGAGCGCGAGTTCCCGTGCCA
 CCGCCTGGTGCTAGCCGCTGTAGCCCTACTTCCGCGCGCGCTTCTGGCTGAGCCAGATAGCGCGGA
 GAGGTACGCTGGAGGAGGTGTGCGCAGACGTAGTGTCCAGGTGCTGCACTACCTGTACACATCAGAGA
 TCGCGTGGATGAGGCAAGCGTGCAAGACCTGTTGCCGCGCGCATCGATTCCAGATCCCGTCCATCTT
 CACCATCTGCGTGTGTTTCTGCAGAAGCGCTGTGCTTGCCCAATTGCCTGGCTGTCTTCCGCTCGGC
 CTCTGCTGGACTGCGCGCTGTGGCTGTGGCCGCGCGACTTCATCTGCGCGCGCTTCCCGTGGTGG
 CGCGGGACAACGACTTCTGGGACTCTCGGCTGACGAGCTGATCGCCATCATCTCCAGCAGCGCCTCAA
 CGTAGAGAAGGAGGAGCAGTGTGAGGCTGTGATGCGCTGGCCAGCAGCGGAGATGCTGAGGCGCAG
 GCGGAGCGCCAGCGCGCTGCCACCGTCTTCGAGAGCGTTCGCTGCCGCTGCTGCCTCGTGTCTTCC
 TGGAGACTCGCGTGGAGCGCCACCCACTTGTGCGCTCCAGCCGAGCTGTTGCGCAAGGTGCAGATGGT
 GAAGGATGCACATGAGGGCCGCTCACTACACTGCGCAAGAAGAAGAAGGAAAAGGGTGAGCAGACAGCT
 CGGGCCAAAGGAGGCCAACAGGGCACAGAAGACACCAAGGCTGAGGACGATGAGGAACGAGTACTGCCCG
 GGATCCTCAATGACACTCTGCGCTTCGGCATGTTCTTCAGGATCTCATCTTCATGATCAGCGAGGAAGG
 CGCCGTGGCTTACGACCCAGCCGCCAACGAGTGTACTGTGCATCCCTGTCCACCCAGATCCCCAAGAAC
 CATGTCAGTCTGGTGACCAAGGAGAACCAAGTCTTCGTGGCCGGTGGCCTCTTCTACAATGAGGACAACA
 AGGAGGACCTATGAGTGCTTACTTCTGCAGTTTGACCACTTGAGCTGAGTGGCTGGGGATGCCGCC
 TCTCCCTCACCTCGCTGCCTCTTCGGCTGGGGAGGCTCTCAACGCCATCTACGTGGTGGCGCGCCGG
 GAACTCAAGGACAGCGAAGACAGCCTGGACTCAGTCTGTGCTACGACAGGCTGTCAATCAAATGGGGTG
 AGTCAGACCCGCTGCCCTACGCCGTGTACGGCCACACAGTCTTTCCCATGGACCTGGTCTATGTCAT
 TGGTGGCAAAGGCAAAGACAGGAAATGTCTGAACAAGATGTGTGTCTACGACCCCAAGAAGTTTGAAGTG
 AAGGAGCTAGCACCCATGCAGACAGCCGATCGCTCTTGGGGCCACGGTCCATGACGGCCGATCTTTG
 TGGCCGAGGGGTGACAGACACAGGACTACCAGCTCTTCAGAGGTGTACAGATTGCAGACAACAAGTG
 GACCTCCTTTGAGGCCTTCCACAGGAACGAAGCTCGCTCAGCCTGGTACGCTAGCTGGCACTCTTTAT
 GCCTTGGGTGGCTTTGCCACTCTGGAGACGGAGTCTGGAGAGCTGGTCCCCACGGAGCTCAATGACATCT
 GGAGATACAACGAGGATGAGAAAAAGTGGGAGGGGGTCTACGGGAGATCGCCTACGCAGCTGGCGCCAC
 TTCTCCTCGTGTGCGCTCAATGTGCTTCGCTGACCAAGATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MTLGLEQAEQRLYQQTLLQDGLKDMLDHGKFLDCVVRVGEREFPCRLVLAACSPYFRARFLAEPDSAG
 EVRLEEVSQVLSVLYLHLYTSEIALDEASVQDLFAAAHRFQIPSIIFTICVSFLQKRLCLANCLAVFRLG
 LLLDCARLAVAARDFICARFPLVARDNDFLGLSADELIAIISDGLNVEKEEAVFEAVMRWASSGDAEAQ
 AERQALPTVFESVRCRLPRAFLETRVERHPLVRSQPELLRKVMVKAHEGRLTTLRKKKKEKGEQTA
 RAKEANQGTEDTKAEDDEERVLPGLNDTLRFGMFLQDLIFMISEEGAVAYDPAANECYCASLSTQIPKN
 HVSLVTKENQVFVAGGLFYNEKNKEDPMSAYFLQFDHLDSEWLGMPPLSPRCLFGLGEALNAIYVVGGR
 ELKDSESLDSVLCYDRLSFKWGESDPLPYAVYGHVTLVSHMDLVYVIGGKGKDRKCLNKMVCYDPPKKFEW
 KELAPMQTARSLFGATVHDGRIFVAAGVTDGLTSSSEVYSIADNKWTSFEAFQERSLSLVSAGTLY
 ALGGFATLETESGELVPTLNDIWRVNEDEKKWEGVLREIAYAAGATFLPVRLNVRLRLTKM

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_028202
ORF Size:	1863 bp
Buffer:	PBS with 0.001% Pluronic F2546
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_028202.3, NP_082478.1</u>
RefSeq Size:	2455 bp
RefSeq ORF:	1866 bp
Locus ID:	72330
UniProt ID:	<u>Q9D783</u>
Cytogenetics:	9 F4
MW:	70.1 kDa