

Product datasheet for **MR207759A1V**

Mouse Ldhd (NM_027570) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Ldhd (NM_027570) AAV Particle
Tag:	Myc-DDK
Symbol:	Ldhd
Synonyms:	4733401P21Rik; D8Bwg1320e
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR207759 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

 ATGGCCATGCTCCTTCGGGTGGCCACCCAGAGGCTGTCTCCCTGGAGGAGTTTCTGCTCCAGGGGGTCGC
AGGGTGGACTCAGCCAGGACTTTGTGGAGGCTCTGAAGGCAGTTGTAGGGAGCCCCACGTGTCCACTGC
TTCTGCAGTCAGAGAGCAACACGGGCATGATGAATCGATGCACAGGTGTCAACCTCCTGATGCTGTGGTT
TGGCCTCAGAATGTGGACCAGGTGAGCCGAGTGGCAAGCCTGTGCTACAATCAAGGTGTTCCCATCATCC
CATTTGGCACAGGCACCGGTGTTGAGGGGGGAGTCTGTGCTGTGCAGGGTGGAGTGTGCATCAACCTGAC
CCATATGGACCAGATCACGGAGCTGAATACAGAAGACTTCTCCGTGGTGGTGGAGCCTGGAGTCAACCGT
AAAGCTCTCAATACCCACCTGCGTGACAGTGGCCTTTGGTTTCTGTTGACCCAGGCGCAGATGCTTCTC
TGTGTGGCATGGCAGCCACCGGGGCTCGGGCACCAATGCTGTGCGCTATGAACCATGCGGGACAACGT
GATTAACCTGGAGGTAGTGTGCTGACGGCAGGCTGCTTACACCGCAGGCCGGGGCCGCCATTACAGG
AAGAGTGCAGCTGGCTACAATCTCACAGGACTCTTTGTGGGCTCTGAGGGGACCTGGGCATCATTACAT
CAACCACCCTGCGCCTGCACCTGCGCCGGAAGCAACGGTGGCTGCCACCTGTGCGTTCCCCAGTGTTCA
AGCGGCTGTGGACAGCACAGTTCAGATCCTCCAGGCTGCAGTGCCCGTGGCTCGCATTGAGTTCCTAGAT
GATGTCATGATGGATGCCTGCAACAGACACAGCAAACTTAAGTCCCGTGGCACCCACGCTTTTCTG
AGTTCCACGGTCCCAGCAGACTGGCGGAACAGTGCAGCGCACAGAGGCAATCACTCAGGATAATGG
TGGCTCTCACTTCTCTGGGCCAAGGAGGCCGAAAAGCGCAATGAAGTTGGGCGAGCGGCACAATGCT
TGGTATGCAGCCTTGGCCTGAGTCCAGGAAGTAAGGCCTATTCACGGACGTGTGTGTACCCATCTCCC
GGCTGCCAGAGATCTTGGTAGAGACCAAGGAGGAGATTAAGCTTCAAACTCACAGGAGCCATCGTTGG
GCATGTGGGTGATGGCAACTTTCACTGCATCCTCTGGTGCAGCCAGATGATGCAGAGGAGCAGAGGAGG
GTCAAGGCCTTTGCAGAAAATCTGGGCAGGCGGCCCTGGCACTCGGTGGGACATGCACTGGAGAACATG
GCATCGGACTGGGCAAGCGACAGCTGCTCCAAGAGGAAGTGGGCCCCGTGGGCGTGGAGACCATGCGGCA
GCTCAAAACACACTGGATCCCCGTGGTCTCATGAACCCAGGCAAAGTGCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207759 protein sequence

Red=Cloning site Green=Tags(s)

 MAMLLRVATQRLSPWRSFCSRGSQGLSQDFVEALKAVVGSPHVSTASAVREQHGHDESMHRCQPPDAVV
WPQNVDQVSRVASLCYNQGVPIIPFGTGTGVEGGVCAVQGGVCINLTHMDQITELNTEDFSVVVEPGVTR
KALNTHLRDGLWFPVDPGADASLCGMAATGASGTNAVRYGTMRDNVINLEVLDPGRLLHTAGRGRHYR
KSAAGYNLTGLFVGSEGLGIITSTTLRLHPAPEATVAATCAFPVQAAVDSTVQILQAAVPVARIEFLD
DVMDACNRHSLNCPVAPTLFLEFHGSQQTAEQLQRTAEITQDNGGSHFSWAKEAEKRNELWAARHNA
WYAALALSPGSKAYSTDVCVPIISRLPEILVETKEEIKASKLTGAIVGHVGDGNFHCILLVDPDDAEEQRR
VKFAAENLGRRLALGGTCTGEHIGLGRQLLQEEVGPVGVETMRQLKNTLDPRGLMNPCKVL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_027570

ORF Size:

1452 bp

Buffer:

PBS with 0.001% Pluronic F68

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_027570.3</u>
RefSeq Size:	2235 bp
RefSeq ORF:	1455 bp
Locus ID:	52815
UniProt ID:	<u>Q7TNG8</u>
Cytogenetics:	8 57.98 cM
MW:	51.8 kDa