

Product datasheet for **RC222613A1V**

Human LDHD (NM_194436) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human LDHD (NM_194436) AAV Particle
Tag:	Myc-DDK
Symbol:	LDHD
Synonyms:	DLACD; DLD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC222613 representing NM_194436
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCCGACTGCTCAGGTCTGCAACCTGGGAGCTGTTCCCCTGGAGGGGCTACTGCTCCCAGAAGGCAA
 AGGGAGAGCTCTGCAGGGACTTCGTAGAGGCTCTGAAGGCCGTGGTGGGCGGCTCCACGTGTCCACTGC
 CGCGGTGGTCCGAGAGCAGCACGGGCGCGATGAGTCGGTGCACAGGTGCCAACCTCCTGATGCTGTGGTG
 TGGCCCCAGAAGCTGGAGCAGGTGAGCCGGCTGGCAGCCCTGTGCTATCGCCAAGGTGTGCCATCATCC
 CATTTCGACACCGGCACCGGGCTTGAGGGTGGCGTCTGTGCTGTGCAGGGCGGCTCTGCGTTAACCTGAC
 GCATATGGACGAATCCTGGAGCTGAACAGGAGGACTTCTGTGGTGGTGGAGCCAGGTGTACCCGC
 AAAGCCCTCAACGCCACCTGCGGGACAGCGCCTCTGGTTTCCCGTGGACCCAGGCGCGGACGCCTCTC
 TCTGTGGCATGGCGGCCACCGGGCGTGGGGACCAACCGGTCGCTACGGCACCATGCGGGACAACGT
 GCTCAACCTGGAGGTGGTGTGCTGCCCACGGGCGGCTGTGCACACGGCGGCGGAGGCCGCGCATTTCCGG
 AAGAGTGCAGCCGGCTACAACCTCACGGGGCTCTTCGTGGGCTCCGAGGGGACGCTGGGCTCATCACAG
 CCACCACCCTGCGCCTGCACCCTGCCCTGAGGCCACAGTGGCCGCCACGTGTGCGTTCCCCAGTGTCCA
 GGCTGTGTGGACAGCACTGTACACATCCTCCAGGCTGCAGTGCCCGTAGCCCGCATTGAGTTTCTGGAT
 GAAGTCATGATGGATGCCTGCAACAGGTACAGCAAGCTGAATTGCTTAGTGGCGCCACACTCTTCTCTGG
 AGTTCCATGGCTCCCAGCAGGCACTGGAGGAGCAGTGCAGCGCACAGAGGAGATAGTCCAGCAGAACGG
 AGCCTCTGACTTCTCTGGGCCAAGGAGGCCGAGGAGCGCAGCCGGCTTTGGACAGCAGGCACAATGCC
 TGGTACGACGCCCTGGCCACGCGGCCAGGCTGCAAGGGCTACTCCACGGATGTGTGTGTGCCATCTCCC
 GGCTGCCGGAGATCGTGGTGCAGACCAAGGAGGATCTGAATGCCTCAGGACTCACAGGAAGCATTGTCTGG
 GCATGTGGGTGACGGCAACTTCCACTGCATCCTGTGGTCAACCCTGATGACGCCGAGGAAGTGGGAGG
 GTCAAGGCTTTTGCAGAACAGCTGGGCAGGCGGCACTGGCTCTCCACGGAACGTGCACGGGGGAGCATG
 GCATCGGAATGGGCAAGCGGAGCTGCTGCAGGAGGAGTGGGCGCCGTGGGCGTGGAGACCATGCGGCA
 GCTCAAGGCCGTGCTAGACCCCAAGGCCTCATGAATCCAGGCAAAGTGCTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC222613 representing NM_194436
 Red=Cloning site Green=Tags(s)

MARLLRSATWELFPWRGYCSQKAKGELCRDFVEALKAVVGSHVSTAADVREQHGRDES VHRCEPPDAVV
 WPQNVEQVSRALALCYRQGVPIIPFGTGTLEGGVCAVQGGVCVNLTHMDRILELNQEDFSVVVEPGVTR
 KALNAHLRDSGLWFPVDPGADASLCGMAATGASGTNAVRYGTMRDNVNLNLEVVLPDGRLLHTAGRGRHFR
 KSAAGYNLTGLFVGSEGLGLITATTLRLHPAPEATVAATCAFPSVQAAVDSTVHILQAAPVVARIEFLD
 EVMMDACNRYSKLNCLVAPTLFLEFHGSQQALEEQLQRTTEEIVQQNGASDFS WAKEAEERSRLWTA RHNA
 WYAALATRPCKGYSTDVCVPIISRLPEIVVQTKEDLNASGLTGSIVGHVGDGNFHCILLVNPDDAEELGR
 VKFAAEQLGRRALALHGTCTGEHIGMGRQLLQEEVGAVGVETMRQLKAVLDPQGLMNPCKVL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_194436

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_194436.1</u>
RefSeq Size:	2022 bp
RefSeq ORF:	1455 bp
Locus ID:	197257
UniProt ID:	<u>Q86WU2</u>
Cytogenetics:	16q23.1
MW:	50 kDa