

Product datasheet for **RC209516A1V**

Human Lactate Dehydrogenase C (LDHC) (NM_002301) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Lactate Dehydrogenase C (LDHC) (NM_002301) AAV Particle
Tag:	Myc-DDK
Symbol:	Lactate Dehydrogenase C
Synonyms:	CT32; LDH3; LDHX
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC209516 representing NM_002301 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTCAACTGTCAAGGAGCAGCTAATTGAGAAGCTAATTGAGGATGATGAAAACCTCCAGTGTAATAATTA
CTATTGTTGGAAGTGGTCCGCTAGGCATGGCTTGTGCTATTAGTATCTTACTGAAGGATTTGGCTGATGA
ACTTGCCCTTGTTGATGTTGCATTGGACAACTGAAGGGAGAAATGATGGATCTTCAGCATGGCAGTCTT
TTCTTTAGTACTTCAAAGATTACTTCTGGAAAAGATTACAGTGTATCTGCAAACTCCAGAATAGTTATTG
TCACAGCAGGTGCAAGGCAGCAGGAGGGAGAACTCGCCTTGCCCTGGTCCAACGTAATGTGGCTATAAT
GAAATCAATCATTCTGCCATAGTCCATTATAGTCCTGATTGTAATAATCTTGTTGTTTCAAATCCAGTG
GATATTTTGACATATATAGTCTGGAAGATAAGTGGCTTACCTGTAACCTCGTGAATTGGAAGTGGTTGTA
ATCTAGACTCTGCCCCTTCCGTTACCTAATTGGAGAAAAGTTGGGTGTCCACCCACAAGCTGCCATGG
TTGGATTATTGGAGAACATGGTGATTCTAGTGTGCCCTTATGGAGTGGGGTGAATGTTGCTGGTGTGCT
CTGAAGACTCTGGACCCTAAATTAGGAACGGATTGAGATAAGGAACACTGGAAAAATATCCATAAACAAG
TTATTCAAAGTGCCTATGAAATTATCAAGCTGAAGGGGTATACCTCTTGGGCTATTGGACTGTCTGTGAT
GGATCTGGTAGGATCCATTTTGAATACTTAGGAGAGTGCACCCAGTTTCCACCATGGTTAAGGGATTA
TATGGAATAAAAGAAGAACTCTTCTCAGTATCCCTTGTGTCTTGGGGCGGAATGGTGTCTCAGATGTTG
TGAAAATTAACCTGAATTCTGAGGAGGAGGCCCTTTTCAAGAAGAGTGCAGAAACACTTTGGAATATTCA
AAAGGATCTAATATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC209516 representing NM_002301 Red=Cloning site Green=Tags(s) MSTVKEQLIEKLIEDDENSQCKITIVGTGAVGMACAISILLKDLADELALVDVALDKLKGEMMDLQHGS FFSTSKITSGKDYSVSANSRIVITAGARQQEGETRLALVQRNVAIMKSIIPAIVHYSPOCKILVSNPV DILTYIYWKISGLPVTRVIGSGCNLDSARFRYLIGELGVHPTSCHGWIIGEGDSSVPLWSGVNVAGVA LKTLDPKLGTDSKHEWKNHKKQVIQSAYEIIKLKGYTSAIGLSVMDLVGSILKNLRRVHPVSTMVKG YGIKEELFLSIPCVLGRNGVSDVVKINLNSEEEALFKKSAETLWNIQKDLIF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002301
ORF Size:	996 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_002301.2</u>
RefSeq Size:	1278 bp
RefSeq ORF:	999 bp
Locus ID:	3948
UniProt ID:	<u>P07864</u>
Cytogenetics:	11p15.1
MW:	36.1 kDa