

Product datasheet for **RC205416A1V**

Human PDHA2 (NM_005390) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PDHA2 (NM_005390) AAV Particle
Tag:	Myc-DDK
Symbol:	PDHA2
Synonyms:	PDHAL
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC205416 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCTGGCCGCTTCATCTCCCGCTGTTGAGGCGAGTTGCCAGAAATCAGCTCGCAGAGTGCTGGTGG
CATCCCGTAACCTCAAATGACGCTACATTTGAAATTAAGAAATGTGATCTTTATCTGTTGGAAGAGGG
TCCCGCTGTCACTACAGTGCTCACTAGGGCGGAGGGGCTTAAATACTACAGGATGATGCTGACTGTTCCG
CGCATGGAATTGAAGGCAGATCAGCTGTACAAACAGAAATTCATTCGCGGTTTCTGTACCTGTGCGATG
GTCAGGAAGCTTGTTCGTGGGCTTGAGGCCGCATAAACCCCTCGGATCACGTCATTACATCCTATAG
GGCTCATGGTGTGTGCTATACTCGGGGACTTTCTGTCCGATCCATTCTCGCAGAGCTGACGGGAAGAAGA
GGAGGTTGTGCTAAAGGAAAAGGAGGATCGATGCATATGTATACCAAGAACTTCTATGGGGCAATGGCA
TCGTCCGTGCACAGGGCCCCCTGGGCGCTGGCATTGCTCTGGCCTGTAATATAAAGGAAACGATGAGAT
CTGTTTGACTTTATATGGGGATGGCGCTGCGAATCAGGGGCAGATAGCCGAAGCTTTCAATATGGCAGCT
TTATGGAAATTACCTTGTGTTTTATCTGTGAGAATAACCTATATGGAATGGGAACATCTACTGAGAGAG
CAGCAGCCAGCCCTGATTACTACAAGAGGGCAATTTTATCCCTGGGCTAAAGGTCGATGGAATGGATGT
TCTGTGTTCGTGAGGCAACAAAATTTGCAGCTAACTACTGTAGATCTGGAAGGGGCCATACTGATG
GAGCTGCAAACTACCGTTATCATGGACACAGTATGAGTGATCCTGGAGTCAGTTATCGTACACGAGAAG
AAATTCAGGAAGTAAGAAGTAAGAGGGATCCTATAATAATTCTCCAAGATAGAATGGTAAACAGCAAGCT
CGCCACTGTGGAAGAATTAAGGAAATTTGGGGCTGAGGTGAGGAAAGAAATTTGATGATGCTGCCAGTTT
GCTACCACTGATCCTGAGCCACATTTGGAAGAATTAGGCCATCACATCTACAGCAGTGATTATCTTTTG
AAGTTCGTGGTGCAAATCCATGGATCAAGTTTAAGTCCGTCAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC205416 protein sequence Red=Cloning site Green=Tags(s) MLAAFISRVLRRAQKSARRVLVASRNSSNDATFEIKKCDLYLLEEGPPVTTVLTRA EGLKYRMMLTVR RME LKADQLYKQKFIRGFCHLCDGQEACCVGLEAGINPSDHVITSYRAHGVCYTRGLSVRSILAELTGRR GGCAKGKGGSMHMYTKNFYGGNGIVGAQGPLGAGIALACKYKGNDEICLTLYGDGAANQGQIAEAFNMAA LWKLP CVFICENNLYGMGTSTERAAASPDYYKRGNFIPGLKVDGMDVLCVREATKFAANYCRSGKGPILM ELQTYRYHGHMSDPGVSYRTREEIQEVRSKRDP I I I LQDRMVNSKLATVEELKEIGA EVRKEIDDA AQF ATTDPEPHLEELGHHIYSSDSSFEVRGANPWIKFKSVS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005390
ORF Size:	1164 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:	NM_005390.4
RefSeq Size:	1387 bp
RefSeq ORF:	1167 bp
Locus ID:	5161
UniProt ID:	P29803
Cytogenetics:	4q22.3
MW:	42.9 kDa