

Product datasheet for **RC201831A1V**

Human PDHA1 (NM_000284) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human PDHA1 (NM_000284) AAV Particle
Tag: Myc-DDK
Symbol: PDHA1
Synonyms: PDHA; PDHAD; PDHCE1A; PHE1A
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC201831 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGGAAGATGCTCGCCGCGTCTCCCGCGTGTCTGGCGTTCTCAGAAGCCGGCAAGCAGAGTGC
TGGTAGCATCCCGTAATTTGCAAAATGATGCTACATTTGAAATTAAGAAATGTGACCTTCACCGGCTGGA
AGAAGGCCCTCCTGTCAACAGTGTCAACAGGAGGATGGGCTCAAATACTACAGGATGATGCAGACT
GTACGCCGAATGGAGTTGAAAGCAGATCAGCTGTATAAACAGAAAATTATTCGTGGTTTCTGTCACTTGT
GTGATGGTCAGGAAGCTTGTGTGTGGCCTGGAGGCCGCATCAACCCACAGACCATCTCACACAGC
CTACCGGGCTCACGGCTTTACTTTACCCGGGGCCTTTCCGTCGAGAAAATTCTCGCAGAGCTTACAGGA
CGAAAAGGAGGTTGTGCTAAAGGAAAGGAGGATCGATGCACATGTATGCCAAGAACTTCTACGGGGCA
ATGGCATCGTGGGAGCGCAGGTGCCCTGGGCGCTGGGATTGCTCTAGCCTGTAAGTATAATGGAAAAGA
TGAGGTCTGCCTGACTTTATATGGCGATGGTGTGCTAACCAGGGCCAGATATTCGAAGCTTACAACATG
GCAGCTTTGTGAAAATTACCTTGTATTTTCATCTGTGAGAATAATCGCTATGGAATGGGAACGTCTGTTG
AGAGAGCGGCAGCCAGCACTGATTACTACAAGAGAGGCGATTTTCATTCTGGGCTGAGAGTGGATGGAAT
GGATATCCTGTGCGTCCGAGAGGCAACAAGTTTGTGCTGCCTATTGTAGATCTGGGAAGGGGCCATC
CTGATGGAGCTGCAGACTTACCGTTACCCAGGACACAGTATGAGTGACCTGGAGTCAGTTACCGTACAC
GAGAAGAAATTCAGGAAGTAAGAAGTAAGAGTGACCCTATTATGCTTCTCAAGGACAGGATGGTGAACAG
CAATCTTGCCAGTGTGGAAGAACTAAAGGAAATTTGATGTGGAAGTGAGGAAGGAGATTGAGGATGCTGCC
CAGTTTGCCACGGCCGATCCTGAGCCACCTTTGGAAGAGCTGGGCTACCACATCTACTCCAGCGACCCAC
CTTTTGAAGTTCTGGTGGCAATCAGTGGATCAAGTTTAAAGTCAGTCAGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC201831 protein sequence Red=Cloning site Green=Tags(s) MRKMLAAVSRVLSGASQKPA SRVLVASRNFANDATFEIKKCDLHRL EEGPPVTTVL TREDGLKYYRMMQT VRRMELKADQLYKQKIIRGFCHLCDGQEACCVGLEAGINPTDHLITAYRAHGFTFTRGLSVREILAE L TG RKGGCAKGGGSMHMYAKNFYGGNGIVGAQVPLGAGIALACKYNGKDEVCLTYGDGAANQGQIFEAYNM AALWKLPCIFICENNRYGMGTSVERAAASTDYKRGDFIPGLRVDGMDILCVREATRFAAAYCRSGKGP I LMELQTYRYHGHSMSPGVSYRTREEIQEVRSKSDPIMLLKDRMVNSNLASVEELKEIDVEVRKEIEDAA QFATADPEPPLEELGYHIYSSDPPFVIRGANQWIKFKSVS TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000284
ORF Size:	1170 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_000284.1
RefSeq Size:	3390 bp
RefSeq ORF:	1173 bp
Locus ID:	5160
UniProt ID:	P08559
Cytogenetics:	Xp22.12
MW:	43.3 kDa