

Product datasheet for RC229995A1V

Human PDHA1 (NM_001173455) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PDHA1 (NM_001173455) 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:	>RC229995 representing NM_001173455 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC

ATGAGGAAGATGCTCGCCGCGTCTCCCGCGTGTCTGGCGTTCTCAGAAGCCGGCAAGCAGAGTGC
TGGTAGCATCCCGTAATTTTGCAATGATGCTACATTTGAAATTAAGAAATGTGACCTTCACCGCTGGA
AGAAGGCCCTCCTGTCAACAGTGTCAACAGGAGGATGGGCTCAAATACTACAGGATGATGCAGAT
GTACGCCGAGTGGAGTTGAAAGCAGATCAGCTGTATAAACAGAAAATTATTCGTGGTTTCTCACTTGT
GTGATGGTCAGTTTCTCTTCTTAACACAGGAAGCTTGCTGTGTGGCCTGGAGCCGGCATCAACCC
CACAGACCATCTCATCACAGCCTACCGGCTCACGGCTTACTTTACCCGGGGCTTTCCGTCCGAGAA
ATTCTCGCAGAGCTTACAGGACGAAAAGGAGGTTGTGCTAAAGGAAAAGGAGGATCGATGCACATGTATG
CCAAGAATTCTACGGGGCAATGGCATCGTGGGAGCGCAGGTGCCCTGGGCGCTGGGATTGCTCTAGC
CTGTAAGTATAATGGAAGATGAGGTCTGCTGACTTTATATGGCGATGGTGTGCTAACCAGGGCCAG
ATATTCGAAGCTTACAACATGGCAGCTTTGTGAAATACCTTGTATTTTCATCTGTGAGAATAATCGCT
ATGGAATGGGAACGTCTGTTGAGAGAGCGCCAGCAGCTGATTACTACAAGAGAGGCGATTTCATTCC
TGGGCTGAGAGTGGATGGAATGGATATCCTGTGCGTCCGAGAGGCAACAAGTTTGTCTGCTCATTGT
AGATCTGGGAAGGGCCATCCTGATGGAGCTGCAGACTTACCCTTACCACGGACACAGTATGAGTGACC
CTGGAGTCAGTTACCGTACACGAGAAGAAATTCAGGAAGTAAGAAGTAAGAGTGACCCTATTATGCTTCT
CAAGGACAGGATGGTGAACAGCAATCTTGCCAGTGTGGAAGAACTAAAGGAAATTTGATGTGGAAGTGAGG
AAGGAGATTGAGGATGCTGCCAGTTTGCCACGGCCGATCCTGAGCCACCTTTGGAAGAGCTGGGCTACC
ACATCTACTCCAGCGACCCACCTTTTGAAGTTCGTGGTCCAATCAGTGGATCAAGTTTAAAGTCAGTCAG
T

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC229995 representing NM_001173455 Red=Cloning site Green=Tags(s)</p> <p>MRKMLAAVSRVLSGASQKPAASRVLVASRNFANDATFEIKKCDLHRL EEGPPVTTVL TREDGLKYYRMMQT VRRMELKADQL YKQKIIRGFCHLCDGQFLLPL TQEACCVGLEAGINPTDHLITAYRAHGFTFTRGLSVRE ILAELTGRKGGCAKGGGSMHMYAKNFYGGNGIVGAQVPLGAGIALACKYNGKDEVCL TLYGDGAANQGQ IFEAYNMAALWKLPCIF ICENNRYGMGTSVERAAASTDYKRGDFIPGLRVDGMDILCVREATRFAAAYC RSGKGPILMELQTYRYHGHSMSPGVSYRTREEIQEVRSKSDPIMLLKDRMVNSNLASVEELKEIDVEVR KEIEDAAQFATADPEPPLEELGYHIYSSDPPFEVRGANQWIKFKSVS</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001173455
ORF Size:	1191 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_001173455.1</u>
RefSeq ORF:	1194 bp
Locus ID:	5160
UniProt ID:	<u>P08559</u>
Cytogenetics:	Xp22.12
MW:	44.6 kDa