

## Product datasheet for **RC230066A1V**

### Human PDHA1 (NM\_001173454) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human PDHA1 (NM\_001173454) 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:** >RC230066 representing NM\_001173454  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGGATCGCC

ATGAGGAAGATGCTCGCCGCGTCTCCCGCGTGTCTGGCGTTCTCAGAAGCCGAGACATGGTCTTG  
 CTACGTTGCCAGTCTGGTCTCCATCTCCAGGCTCAAGCAGTCTCCACCTCGGCTCCCAAAGTGCTG  
 GGATTACTCTCACTCTCTTAAACCAGGCAGGCAAGCAGAGTGTGGTAGCATCCCGTAATTTTGCAAAT  
 GATGCTACATTTGAAATTAAGAAATGTGACCTCACCGGCTGGAAGAAGGCCCTCTGTCAACAGTGC  
 TCACCAGGGAGGATGGGCTCAAATACTACAGGATGATGCAGACTGTACGCCGAATGGAGTTGAAAGCAGA  
 TCAGCTGTATAAACAGAAAATTATTCGTGGTTTCTGTCACTTGTGTGATGGTCAGGAAGCTTGTGTGTG  
 GGCCTGGAGGCCGGCATCAACCCACAGACCATCTCATCACAGCCTACCGGGCTCACGGCTTTACTTTCA  
 CCCGGGCTTTCCGTCCGAGAAATTCTCGCAGAGCTTACAGGACGAAAAGGAGGTTGTGCTAAAGGGAA  
 AGGAGGATCGATGCACATGTATGCCAAGAATTCTACGGGGCAATGGCATCGTGGGAGCGCAGGTGCC  
 CTGGGCGCTGGGATTGCTTAGCCTGTAAGTATAATGGAAAAGATGAGGTCTGCCTGACTTTATATGGCG  
 ATGGTGTGCTAACCAGGGCCAGATATTCGAAGCTTACAACATGGCAGCTTTGTGGAAATACCTTGTAT  
 TTTTCATCTGTGAGAATAATCGCTATGGAATGGGAACGTCTGTTGAGAGAGCGGCAGCCAGCACTGATTAC  
 TACAAGAGAGGGGATTTCAATTCCTGGGCTGAGAGTGGATGGAATGGATATCCTGTGCGTCCGAGAGGCAA  
 CAAGGTTTGTGCTGCCTATTGTAGATCTGGGAAGGGGCCATCCTGATGGAGCTGCAGACTTACCGTTA  
 CCACGGACACAGTATGAGTGACCCTGGAGTCAGTTACCGTACACGAGAAGAAATTCAGGAAGTAAGAAGT  
 AAGAGTGACCCTATTATGCTTCTCAAGGACAGGATGGTGAACAGCAATCTTGCCAGTGTGGAAGAATAA  
 AGGAAATTGATGTGGAAGTGAGGAAGGAGATTGAGGATGCTGCCAGTTTGCCACGGCCGATCCTGAGCC  
 ACCTTTGGAAGAGCTGGGCTACCAATCTACTCCAGCGACCCACCTTTTGAAGTTCGTGGTGCCAATCAG  
 TGGATCAAGTTTAAGTCAGTCAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAAGTTTAA



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<b>Protein Sequence:</b>	<p>&gt;RC230066 representing NM_001173454  <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MRKMLAAVSRVLSGASQKPRHGLATLPSLVSIISRLKQSSHLGLPKCWDYSHSLKTRQASRVLVASRNFAN          DATFEIKKCDLHRLLEEGPPVTTVL TREDGLKYRMMQT VRRMELKADQLYKQKIIRGFCHLCDGQEACCV          GLEAGINPTDHLITAYRAHGFTFTRGLSVREILAE LTGRKGGCAKGGGSMHMYAKNFYGGNGIVGAQVP          LGAGIALACKYNGKDEVCLTL YGDGAANQGQIFEAYNMAALWKLPCIF ICENNRYGMGTSVERAAASTDY          YKRGDFIPGLRVDGMDILCVREATRFAAAYCRSGKGPILMELQTYRYHGHSMSPGVSYRTRREEIQEVRS          KSDPIMLLKDRMVNSNLASVEELKEIDVEVRKEIEDAAQFATADPEPPLEELGYHIYSSDPPFEVRGANQ          WIKFKSVS</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLI SEEDLAANDILDYKDDDDKV</span></p>
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_001173454
<b>ORF Size:</b>	1284 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001173454.1</a>
<b>RefSeq ORF:</b>	1287 bp
<b>Locus ID:</b>	5160
<b>UniProt ID:</b>	<a href="#">P08559</a>
<b>Cytogenetics:</b>	Xp22.12
<b>MW:</b>	48 kDa