

Product datasheet for **RC225833A1V**

Human PDHX (NM_001135024) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	PDHX
Synonyms:	DLDBP; E3BP; OPDX; PDHxD; PDX1; proX
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC225833 representing NM_001135024
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCAATCAGGCGCGCTGAGGGCAGCCCGGGGCGGGCGAACGGGCGGGGCGGGGTCTGTAAGG
 CCCC GCCGCTGAGATATCCAGCGGCGACCTGACTTCCCGGAGGTGATCCCATTAAGATACTAATGCC
 ATCACTGTCTCCTACAATGGAAGAAGGAAACATTGTGAAATGGCTGAAAAGGAAGGTGAAGCGGTGAGT
 GCTGGAGATGCATTATGTGAAATTGAGACTGACAAAGCTGTGGTTACCTTAGATGCAAGTGATGATGGAA
 TCTTGGCCAAAATCGTGGTTGAAGAAGGAAGTAAAAATATACGGCTAGGTTCACTAATTGGTTTGATAGT
 AGAAGAAGGAGAAGATTGGAACATGTTGAAATCCCAAAGACGTAGGTCTCCACCACCGATTTCAAAA
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 CACTACGGTTCGTTTAAAGTCCAGCTGCCCGCAATATCTGAAAAACACTCACTGGATGCTAGCCAGGG
 CACAGCCACTGGCCCTCGGGGATATCTACTAAGAGGATGCTCTCAAATTTGCCAGTTGAAACAAACG
 GGCAAGATTACCGAGTCCAGACCAACTCCAGCCCCACAGCCACTCCACAGCACCTTCGCCCTACAGG
 CCACAGCTGGACCATCTTATCCCGGCCTGTGATCCCACCAAGTATCAACTCCTGGACAACCAATGCAGT
 GGGCACATTCAGTAAATCCCCGCCAGCAATATTCGAAGAGTTATTGCCAAGAGATTAAGTGAATCTAAA
 AGTACTGTACCTCATGCATATGCTACTGCTGACTGTGACCTTGGAGCTGTTTTAAAGTTAGGCAAGATC
 TGGTCAAAGATGACATTAAGTATCAGTAAATGATTTTATCATCAAGGCAGCAGCTGTACCTTAAACA
 AATGCCAGATGTTAATGTAAGCTGGGATGGAGAGGGCCCAAAGCAACTGCCATTTATTGACATTTCACTG
 GCTGTGGCAACAGATAAAGGCTTACTTACTCCAATCATAAAAGATGCTGCTGCTAAAGGTATCCAGGAAA
 TTGCTGACTCTGTAAGGCTCTATCAAAGAAAGCAAGAGATGGAATTTGTTGCCTGAAGAATACCAAGG
 AGGATCTTTTAGTATTTCCAACCTGGGGATGTTTGGCATCGACGAATTTACTGCAGTGATTAACCCCTCT
 CAGGCCTGCATTTTGGCGGTTGGGAGGTTCCGACCTGTGCTGAAGCTCACTGAGGATGAAGAGGGAATG
 CCAAATGCAGCAGCGCAGCTCATAACAGTCAATGTCAAGTGACAGTCGAGTGGTTGATGACGAAC
 GGCAACCAGGTTTCTTAAAGTTTTAAAGCAACCTAGAGAATCCTATCCGACTTGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC225833 representing NM_001135024
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MQSGGAEGSPGAGRTGRGPGSGKAPPAEISSGAPDFPGDPIKILMPSLSPTMEEGNIVKWLKKEGEAVS
 AGDALCEIETDKAVVTLASDDGILAKIVVEEGSKNIRLGLSLGLIVEEGEDWKHVEIPKDVGPPPPVSK
 PSEPRSPPEPQISIPVKEHIPGTLRFRLSPAARNILEKHSLDASQGTATGPRGIFTKEDALKLVQLKQT
 GKITESRPTAPATPTAPSPLQATAGPSYPRVIPPVSTPGQPNVAGTFTEIPASNIRRVIAKRLTESK
 STVPHAYATADCDLGAVLKVRQDLVKDDIKVSVNDFIIKAAAVTLKQMPDVNVSWDGEGPKQLPFIDISV
 AVATDKGLLTPIIKDAAAKGIQEIADSVKALSKKARDGKLLPEEYQGGFSISNLGMFGIDEFTAVINPP
 QACILAVGRFRPVLKLTDEDEGNAKLQQRQLITVTMSSDSRVVDDELATRFLKSFKANLENPIRLA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001135024

ORF Size: 1458 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_001135024.1</u> , <u>NP_001128496.1</u>
RefSeq ORF:	1326 bp
Locus ID:	8050
UniProt ID:	<u>O00330</u>
Cytogenetics:	11p13
MW:	51.3 kDa