

Product datasheet for **RC208198A1V**

Human PDP1 (NM_018444) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PDP1 (NM_018444) AAV Particle
Tag:	Myc-DDK
Symbol:	PDP1
Synonyms:	PDH; PDP; PDPC; PPM2A; PPM2C
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC208198 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCAGACCAACTCAACTGTTTTCCTCTCATCGTAAGTGTGAAGTGAAGGAGGATCTATGGCACT
CATGTTACTGCCACCACAAACATCTCTGTTGTTCTCATCGTACATTCTCAGAGTCGACTGAGATACAC
ACCTCATCCAGCATATGCTACCTTTTGCAGGCCAAAGGAGAAGTGGTGGCAGTACACCAAGGAAGGAGA
TATGCTTCCACACCACAGAAATTTTACCTCACACCTCCACAAGTCAATAGCATCCTTAAAGCTAATGAAT
ACAGTTTCAAAGTGCCAGAATTTGACGGCAAAAATGTGAGTTCTATCCTTGGATTTGACAGCAATCAGC
GCCTGCAAAATGCACCCATTGAGGACCGGAGAAGTGACGACAACCTGCTTGCAGACCAGAGGGATGCTTTTG
GGGGTTTTTGATGGCCATGCAGGTTGTGCTTGTCCCAGGCAGTCAGTGAAGACTCTTTTATTATATTG
CTGTCTCTTTGTTACCCCATGAGACTTTGCTAGAGATTGAAATGCAGTGGAGAGCGGCCGGGCACTGCT
ACCCATTCTCCAGTGGCACAAGCACCCCAATGATTACTTTAGTAAGGAGGCATCCAAATTGACTTTAAC
AGCTTGAGGACTTACTGGCAAGAGCTTATAGACCTCAACACTGGTGAGTCGACTGATATTGATGTTAAGG
AGGCTCTAATTAATGCCTTCAAGAGGCTTGATAATGACATCTCCTTGGAGGCGCAAGTTGGTGATCTAA
TTCTTTTCTCAACTACCTGGTGCTTTCGAGTGGCATTTCCTGGAGCCACTGCTTGTGTGGCCCATGTGGAT
GGTGTTGACCTTCATGTGGCCAATACTGGCGATAGCAGAGCCATGCTGGGTGTGCAGGAAGAGGACGGCT
CATGGTCAGCAGTCACGCTGTCTAATGACCACAAATGCTCAAAATGAAAGAGAACTAGAACGGCTGAAATT
GGAACATCCAAAGAGTGAGGCCAAGAGTGTGCTGAAACAGGATCGGCTGCTTGGCTTGTGATGCCATT
AGGGCATTGTGGAGATGTAAAGTTCAAATGGAGCATTGACCTTCAAAGAGAGTGATAGAATCTGGCCCAG
ACCAGTTGAATGACAATGAATATACCAAGTTTATTCCTCCTAATTATCACACACCTCCTTATCTACTGC
TGAGCCAGAGGTAACCTACCACCGATTAAGGCCACAGGATAAGTTTCTGGTGTGGCTACTGATGGGTTG
TGGGAGACTATGCATAGGCAGGATGTGGTTAGGATTGTGGGTGAGTACCTAACTGGCATGCATACCAAC
AGCCAATAGCTGTTGGTGGCTACAAGGTGACTCTGGGACAGATGCATGGCCTTTTAAAGAAAGGAGAAC
CAAAATGTCTCGGTATTTGAGGATCAGAACGCAGCAACCCATCTATTGCCACGCTGTGGGCAACAAC
GAGTTTGGGACTGTTGATCATGAGCGCCTCTCTAAAATGCTTAGTCTTCTGAAGAGCTTGCTCGAATGT
ACAGAGATGACATTACAATCATTGTAGTTCAGTTCAAATCTCATGTTGTAGGGGCGTATCAAAACCAAGA
A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208198 protein sequence

Red=Cloning site Green=Tags(s)

MPAPTQLFFPLIRNCELSRIYGTACYCHHKHLCSSSYIPQSRLRYTPHPAYATFCRPKENWWQYTQGR
YASTPQKFYLTPPQVNSILKANEYSFKVPEFDGKNVSSILGFDNSQLPANAPIEDRRSAATCLQTRGMLL
GVFDGHAGCACSQAVSERLFYYIAVSLLPHETLLEIENAVESGRALLPILQWHKHPNDYFSKEASKLYFN
SLRTYWQELIDLNTGESTDIDVKEALINAFKRLDNDISLEAQVGDPNSFLNYLVLRVAFSGATACVAHVD
GVDLHVANTGDSRAMLGVEEDGWSAVTLSDNHNAQNERELERLLEHPKSEAKSVVKQDRLLGLMPF
RAFGDVKFKWSIDLQKRVIESGPDQLNDNEYTKFIPPNYHTPPYLTAEPVYTHRLRPQDKFLVLATDGL
WETMHRQDVVRIVGEYLTGMHHQPIAVGGYKVTLGQMHGLLTERRTKMSSVFEDQNAATHLIRHAVGNN
EFGTVDHERLSKMLSLPEELARMYRDDITIIVVQFNSHVVGAYQNQE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM 018444

ORF Size:	1611 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_018444.2</u>
RefSeq Size:	4291 bp
RefSeq ORF:	1614 bp
Locus ID:	54704
UniProt ID:	<u>Q9P0J1</u>
Cytogenetics:	8q22.1
MW:	61.1 kDa