

Product datasheet for **RC207071A1V**

Human PDP2 (NM_020786) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PDP2 (NM_020786) AAV Particle
Tag:	Myc-DDK
Symbol:	PDP2
Synonyms:	PDPC 2; PPM2B; PPM2C2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207071 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTCAAGTACTGTGCTCTACTGGATCTTAAATCTACAAGGAACAGCATTGCCACATTGCAAGGGGGTA
 GACGCTTATACTCCAGGTATGTCTCAAATAGGAATAAATTAATGAGGCTCTTTCCCGGGTGCCACC
 CACCCTAAACAGTTCCCATGTGGTGGCTTTACTCTGTGCAAAGCCTACAGACACACATCAACAGAGGAA
 GATGATTTTCACTTGCAACTCAGCCCTGAGCAGATAAATGAAGTGCTTCGAGCTGGCGAGACAACCCACA
 AGATTCTTGACCTGAAAGCAGAGTCCCAAATTCAGTGTTCGGGTTGAGAGCAACAGCTGGCTGCCAA
 TTCCCCAGTGGAGGACCGGCGAGGTGTAGCCTCCTGCCTGCAAACCAATGGACTGATGTTGGCATCTTC
 GATGGACATGGTGGTCATGCATGTGCCAAGCAGTGAAGGAGAGGCTCTTCTACTATGTGGCAGTGTCC
 TGATGTCCACCAGACCCTGGAGCAGATGGAGGGAGCTATGGAAGCATGAAACCCTTGCTGCCATCCT
 GCATTGGCTCAAGCACCAGGGGACAGTATCTACAAGGATGTCACATCTGTGCATCTTGACCACCTCCGT
 GTCTATTGGCAGGAAGCTGTTGATTGTCACATGGAATGGGACTAAGCATTGAAGAAGCATTAAATGACT
 CCTTCCAGAGACTGGATTCTGACATCTCGCTGGAATCCAGGCCCCCTGGAAGATGAGGTGACAAGGAA
 CCTGTCACTCCAGGTTGCTTTCTCTGGGCAACAGCTTGATGGCCCATGTTGATGGAATCACTTGAC
 GTGGCAAATGCTGGTGAAGTGGCAGCCATCCTTGGTGTCCAAGAGGACAATGGCATGTGGTCTTGTCTGC
 CCCTTACACGTGACCACAATGCCTGGAACAGGCCGAGCTGTCCCGCTAAAGAGGGAGCACCCTGAGTC
 AGAGGACAGGACGATCATCATGGAGGACAGGCTACTGGCGCTCCTCATCCCTGCAGGGCCTTTGGGAT
 GTTCAGCTGAAGTGGAGTAAAGAGTTGCAGCGCAGCATTCTGGAGAGGGGCTTCAATACCGAGGCCCTCA
 ACATTTACCAGTTCACACCCCCACACTACTACCTCCACCCTACCTGACTGCTGAGCCTGAGGTCACATA
 CCACAGGCTGAGGCCCCAGGATAAGTTCTTGTGCTGGCCTCAGATGGCCTGTGGGACATGCTGAGCAAT
 GAGGACGTGGTAAGGCTGGTGGTGGGACCTGGCTGAGGCAGATTGGCACAAGACAGACCTGGCCGAGA
 GACCCGCCAATTGGGGCTCATGCAGAGCCTGCTGCTGCAGAGGAAAGCCAGCGGGCTCCACGAGGCTGA
 CCAAAATGCAGCCACGCGGTGATCAGACATGCCATCGGAACAATGAGTATGGGGAGATGGAGGCAGAG
 CGGCTGGCGGCGATGCTGACATTGCCAGAGGACTTGGCGAGGATGTACAGGGATGATCACTGTCACTG
 TGGTGTATTTAACTCAGAATCAATCGGTGCATATTACAAGGGGGT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207071 protein sequence
 Red=Cloning site Green=Tags(s)

MSSTVSYWILNSTRNSIATLQGGRRLYSRYVSNRNKLKWLFSRVPPTLNSSPCGGFTLCKAYRHTSTEE
 DDFHLQLSPEQINEVLRAGETTHKILDLESVPNSVLRFEENQLAANSPVEDRRGVASCLQTNGLMFGIF
 DGHGGHACAQAVSERLFYYVAVSLMSHQTLHEMEGAMESMKPLLPILHLWKHPGDSIYKDVTSVHLDHLR
 VYWQELDLHMEMGLSIEEALMYSFQRLDSDISLEIQAPLEDEVTRNLSLQVAFSGATACMAHVDGIHLH
 VANAGDCRAILGVQEDNGMWSCLPLTRDHNAWNQAELSRLKREHPESEDRTIIMEDRLLGVLIPCRAFGD
 VQLKWSKELQRSILERGFNTEALNIYQFTPPHYTPPYLTAEPEVTYHRLRPQDKFLVLASDGLWMLSN
 EDVVRLLVGHLEADWHKTDLAQRANLGLMQSLLLRKASGLHEADQNAATRLIRHAIGNNEYGEMAE
 RLAAMLTPEDLARMYRDDITVTVVYFNSESIGAYYKGG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_020786

ORF Size:

1587 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_020786.1</u>
RefSeq Size:	7042 bp
RefSeq ORF:	1590 bp
Locus ID:	57546
UniProt ID:	<u>Q9P2J9</u>
Cytogenetics:	16q22.1
MW:	60 kDa