

Product datasheet for **RC238541A1V**

Human PDIA6 (NM_001282704) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PDIA6 (NM_001282704) AAV Particle
Tag:	Myc-DDK
Symbol:	PDIA6
Synonyms:	ERP5; P5; TXNDC7
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC238541 representing NM_001282704
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGAAGAGACCTCCGGGAGAAGCTTGTGTGGGTGTGCCGACCACTGGCCCCAGTTGAGGTCCCAGCCA
 ACATCAGCTCCGACTTCCAGCCATGCTCACCACTTCTCTGCCACTCCCTATCAAGGAAAAGTCCCAT
 AATGTATCCATCAACCACCATGGCTAATGCACCCGGTCTGGTGAGCTGTACCTCTTTCTGGCAGTGAAT
 GGTCTGTATTCTCTAGTGATGATGTGATCGAATTAACCCATCGAATTTCAACCGAGAAGTTATTCAGA
 GTGATAGTTTGTGGCTTGTAGAATTCTATGCTCCATGGTGTGGTCACTGTCAAAGATTAACACCAGAATG
 GAAGAAAGCAGCAACTGCATTAAGAGTGTGTCAAAGTTGGTGCAGTTGATGCAGATAAGCATCATTCC
 CTAGGAGGTGAGTATGGTGTTCAGGGATTTCTACCATTAAGATTTTTGGATCCAACAAAACAGACCAG
 AAGATTACCAAGGTGGCAGAAGTGGTGAAGCCATTGTAGATGCTGCGCTGAGTGTCTGCGCCAGCTCGT
 GAAGGATCGCCTCGGGGACGGAGCGGAGGATACAGTTCTGAAAAACAAGGCAGAAGTGATAGTTCAAGT
 AAGAAGGATGTGATTGAGCTGACAGACGACAGCTTTGATAAGAATGTTCTGGACAGTGAAGATGTTTGGG
 TGGTTGAGTTCTATGCTCCTTGGTGTGGACACTGCAAAAACCTAGAGCCAGAGTGGGCTGCCGCAGCTTC
 AGAAGTAAAAGAGCAGACGAAAGGAAAAGTGAAGTGGCAGCTGTGGATGCTACAGTCAATCAGTTCTG
 GCCTCCCGATACGGGATTAGAGGATTTCTACAATCAAGATATTTAGAAAAGGCGAGTCTCCTGTGGATT
 ATGACGGTGGGCGGACAAGATCCGACATCGTGTCCCGGCCCTTGATTTGTTTTCTGATAACGCCCCACC
 TCCTGAGCTGCTTGAATATCAACGAGGACATTGCCAAGAGGACGTGTGAGGAGCACCAGCTCTGTGTT
 GTGGCTGTGCTGCCCCATCCTTGATACTGGAGCTGCAGGCAGAAATTTCTTCTGGAAGTTCTTCTGA
 AGTTGGCAGACAAATACAAAAGAAAATGTGGGGTGGCTGTGGACAGAAGCTGGAGCCAGCTGAAGT
 TGAGACCGCTTGGGGATTGGAGGGTTTGGGTACCCCGCCATGGCCGCCATCAATGCACGCAAGATGAAA
 TTTGCTCTGCTAAAAGGCTCCTTCAGTGAGCAAGGCATCAACGAGTTTCTCAGGAGCTCTCTTTGGGC
 GTGGCTCCACGGCACCTGTAGGAGGCGGGCTTTCCCTACCATCGTTGAGAGAGAGCCTTGGGACGGCAG
 GGATGGCGAGCTTCCCGTGGAGGATGACATTGACCTCAGTGATGTGGAGCTTGTGACTTAGGAAAGAT
 GAGTTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238541 representing NM_001282704
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MRRDLREKLVWCRPLAPVEVPANISSDFQPCSPSPAHLRSLRSPIMYPSTTMANAPGLVSCFFLAVN
 GLYSSDDVIELTPSNFNREVIQSDSLWLVFYPWCGHCQRLTPEWKAATALKDVVKVGAVDADKHHS
 LGGQYGVQGFPTIKIFGSNKNRPEDYQGGRTGEAIVDAAL SALRQLVKDRLGGRSGGYSSGKQGRSDSS
 KKDVIELTDDSFDKNVLDSVDVWVVEFYAPWCGHCKNLEPEWAAAASEVKEQTKGKVKLAAVDATVNQVL
 ASRYGIRGFPTIKIFQKGESPVYDGGRTSRSDIVSRALDLFSDNAPPELLEIINEDIAKRTCEEHQLCV
 VAVLPHILDTGAAGRNSYLEVLLKADKYKKMVGWLWTEAGAQSELETALGIGFGYPAMAAINARKMK
 FALLKGSFSEQINEFLRELSFGRGSTAPVGGGAFPTIVEREPWDGRDGPVEDDIDLSDVELDDLKGD
 EL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001282704

ORF Size:

1476 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_001282704.1, NP_001269633.1</u>
RefSeq Size:	2700 bp
RefSeq ORF:	1479 bp
Locus ID:	10130
UniProt ID:	<u>Q15084</u>
Cytogenetics:	2p25.1
MW:	54.4 kDa