

Product datasheet for **RC204041A1V**

Human ERp72 (PDIA4) (NM_004911) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ERp72 (PDIA4) (NM_004911) AAV Particle
Tag:	Myc-DDK
Symbol:	PDIA4
Synonyms:	ERp-72; ERP70; ERP72
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204041 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGGCCCGGAAAGCCTTCTGCTCCTGCTCTTGGGGCTGGTGCAGCTGCTGGCCGTGGCGGGTG
CCGAGGGCCCGGACGAGGATTCTTCTAACAGAGAAAATGCCATTGAGGATGAAGAGGAGGAGGAGGA
AGATGATGATGAGGAAGAAGACGACTTGAAGTTAAGGAAGAAAATGGAGTCTTGGTCTAAATGATGCA
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GCAAGCAGTTTGTCCGAATATGAAAAATTGCCAACATATTAAGGATAAAGATCCTCCCATTCCTGT
TGCCAAGATCGATGCAACCTCAGCGTCTGTCTGGCCAGCAGGTTTGTGTGAGTGGCTACCCACCATC
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ACGATGTATCATCATCGGGGTCTTTAAGGGGAGAGTGACCCAGCCTACCAGCAATACCAGGATGCCGC
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TCCCAGGGGCAGTTGGTTGTAATGCAGCCTGAGAAATTCAGTCCAAGTATGAGCCCCGAGCCACATGA
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CAGCGAGAGTGGGGAGGATGTCAATGCCGCCATCCTGGACGAGAGTGGGAAGAAGTTCGCCATGGAGCCA
GAGGAGTTTGACTCTGACACCCTCCGCGAGTTTGTCACTGCTTTCAAAAAGGAAAACTGAAGCCAGTCA
TCAATCCCAGCCAGTGCCCAAGAACAACAAGGGACCCGTCAGGTCTGGTGGGAAAGACCTTTGACTC
CATTGTGATGGACCCCAAGAAGGACGTCTCATCGAGTTCTACGCACCATGGTGCGGGCACTGCAAGCAG
CTAGAGCCCGTGTACAACAGCCTGGCCAAGAAGTACAAGGGCCAAAAGGGCCTGGTCATCGCCAAGATGG
ACGCCACTGCCAACGACGTCCCAGCGACCGCTATAAGGTGGAGGGCTTCCCACCATCTACTTCGCCCC
CAGTGGGGACAAAAGAACCAGTTAAATTTGAGGGTGGAGACAGAGATCTGGAGCATTTGAGCAAGTTT
ATAGAAGAACATGCCACAAAACCTGAGCAGGACCAAGGAAGAGCTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC204041 protein sequence Red=Cloning site Green=Tags(s) MRPRKAFLLLLLLGLVQLLAVAGAEGPDEDSSNRENAIEDEEEEEEDDDDEEDDLEVKEENGVLVLNDA NFDNFVADKDTVLLEFYAPWCGHCKQFAPEYEKIANILKDKDPPIPVAKIDATSASVLASRFDVSGYPTI KILKKGQAVDYEGRSQEEIVAKVREVSQPDWTPPEVTLVLTKENFDEVVNDADIILVEFYAPWCGHCK KLAPEYEKAAKELSKRSPIPLAKVDATAETDLAKRFDVSGYPTLKIFRKGPRYDNGPREKYGIVDYMI EQSGPPSKEILTLKQVQEFLLKDGDDVIIIGVFKGESDPAYQQYQDAANNLRDYKFHHTFSTEIAKFLKV SQGQLVVMQPEKFQSKYEPRSHMMDVQGSTQDSAIDKDFVLKYALPLVGHKVSNDAKRYTRRPLVVVYYS VDFSFDYRAATQFWRSKVLEVAKDFPEYTFADAEEDYAGEVKDLGLSESGEDVNAAILDESGKKFAMEP EEFDSDTLREFVTAFFKKGKLKPKVKSQVPVKNKGPVKVVVGKTFDSIVMDPKKDVLEFYAPWCGHCKQ LEPVYNSLAKKYKGQKGLVIKMDATANDVPSDRYKVEGFPTIYFAPSGDKKNPVKFEGGDRDLEHLSKF IEEHATKLSRTKEEL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004911
ORF Size:	1935 bp
Buffer:	PBS with 0.001% Pluronic F5518
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_004911.3</u>
RefSeq Size:	2970 bp
RefSeq ORF:	1938 bp
Locus ID:	9601
UniProt ID:	<u>P13667</u>
Cytogenetics:	7q36.1
MW:	72.9 kDa