

Product datasheet for **RC222382A1V**

Human PDI (PDIA2) (NM_006849) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PDI (PDIA2) (NM_006849) AAV Particle
Tag:	Myc-DDK
Symbol:	PDI
Synonyms:	PDA2; PDI; PDIP; PDIR
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC222382 representing NM_006849
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCCGCCAGCTTCTGCCTGTACTGTCTGCTGCTGCTCAGGGCTTCGTGCCATGGGGTCAGGAAC
 AGGGAGCGAGGAGCCCTCGGAGGAGCCTCCAGAGGAGAAATCCCAAGGAGGATGGGATCTTGGTGCT
 GAGCCGCCACACCCTGGGCTGGCCCTGCGGGAGCACCTGCCCTGCTGGTGGAAATCTATGCCCGTGG
 TGTGGGCACTGCCAGGCCCTGGCCCGAGTACAGCAAGGCAGCTGCCGTGCTCGCGCCGAGTCAATGG
 TGGTACGCTGGCCAAGGTGGATGGGCCCGCGAGCGGAGCTGGCTGAGGAGTTTGGTGTGACGGAGTA
 CCCTACGCTCAAGTTCTCCGCAATGGGAACCGCACGCACCCGGAGGAGTACACAGGACCACGGGACGCT
 GAGGGCATTGCCGAGTGGCTGCGACGGCGGGTGGGGCCAGTCCATGCGGCTGGAGGACGAGGGCGGCC
 CCCAGGCGCTGATCGGTGGCCGGGACCTAGTGGTCATTGGCTTCTCCAGGACCTGCAGGACGAGGACGT
 GGCCACCTTCTGGCCTTGGCCAGGACGCCCTGGACATGACCTTTGGCCTCACAGACCGCCGCGGCTC
 TTTGAGCAGTTTGGCCTCACCAAGGACTGTGGTTCTCTTCAAGAAGTTTGATGAGGGGCGGGCAGACT
 TCCCGTGGACGAGGAGCTTGGCCTGGACCTGGGGATCTGTGCGCTTCTGGTGCACACAGCATGCG
 CCTGGTACGGAGTTCAACAGCCAGACGTCTGCCAAGATCTTCGCGGCCAGGATCCTCAACCACCTGCTG
 CTGTTTGTCAACCAGACGCTGGCTGCGCACCGGAGCTCCTAGCGGGCTTTGGGAGGACGCTCCCGCT
 TCCGGGGCAGGTGCTGTTCTGGTGGTGGACGTGGCGCCGACAATGAGCACGTGCTGCAGTACTTTGG
 ACTCAAGGCTGAGGCAGCCCCACTCTGCGCTTGGTCAACCTTGAACCACTAAGAAGTATGCGCCTGTG
 GATGGGGCCCTGTACCGCAGCGTCCATCAGTCTTCTGCCATGCAGTCTCAACGGCCAAGTCAAGC
 CCTATCTCCTGAGCCAGGAGATACCCCTGATGGGATCAGCGCCAGTTAAGACCCTCGTGGGCAAGAA
 TTTTGACGAGGTGGCTTTTGACGAAACCAAGAATGTGTTTGTCAAGTTCTATGCCCGTGGTGCACCCAC
 TGCAAGGAGATGGCCCTGCCTGGGAGGATTGGCTGAGAAGTACCAAGACCACGAGGACATCATCATTG
 CTGAGCTGGATGCCACGGCCAACGAGCTGGATGCCTTCTGCTGTGCACGGCTTCCCTACTCTCAAGTACTT
 CCCAGCAGGGCCAGGTCGGAAGGTGATTGAATACAAAAGCACCAGGGACCTGGAGACTTCTCCAAGTTC
 CTGGACAACGGGGCGTGTGCCACGGAGGAGCCCCGGAGGAGCCAGCAGCCCGTCCCGGAGCCAC
 CGGCCAACTCCACTATGGGGTCCAAGGAGGAAGT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC222382 representing NM_006849
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MSRQLLPVLLLLLLRASCWPWQEQGARSPSEEPPEEEIPKEDGILVLSRHTLGLALREHPALLVEFYAPW
 CGHCQALAPEYSKAAAVLAAESMVVTLAKVDGPAQRELAEEFGVTEYPTLKFRRNGNRTHPEEYTGPRDA
 EGIAEWLRRRVGPSAMRLEDEAAAQALIGGRDLVVIIGFFQDLQDEDVATFLALAQDALDMTFGLTDRPRL
 FQQFGLTKDVTVLFKKFDEGRADFPVDEELGLDLGDLSRFLVTHSMRLVTEFNSQTSAKIFAARILNHL
 LFFVNQTLAAHRELLAGFGAAPRFRGQVLFVVVDVAADNEHVLQYFGLKAEAPTLRLVNLLETTKYAPV
 DGGPVTAASITAFCHAVLNGQVKPYLLSQEIPPDWDQRPVKTLVGKNFEQVAFDETKNVFKFYAPWCTH
 CKEMAPAWALAEKYQDHEDIIAELDATANELDAFAVHGFPTLKYFPAGPGRKVIIEYKSTRDLETFSKF
 LDNGGVLPTTEPPEEPAAPFPEPPANSTMGSKEEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_006849

ORF Size:

1575 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_006849.2</u>
RefSeq Size:	1726 bp
RefSeq ORF:	1578 bp
Locus ID:	64714
UniProt ID:	<u>Q13087</u>
Cytogenetics:	16p13.3
MW:	58 kDa