

Product datasheet for **RC230192A1V**

Human PDZD3 (NM_001168468) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PDZD3 (NM_001168468) AAV Particle
Tag:	Myc-DDK
Symbol:	PDZD3
Synonyms:	IKEPP; NHERF4; PDZK2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC230192 representing NM_001168468
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGAAAGCCGCAGATCTGCAGGACACAGCCTCGTTAACTCTGAAGTTTAAGTTAAACCCAAAGCTGG
 GCATTGATAATCCTGTCTCCTCGCCGAAGACCACGACCCCTATGATCCCTGGAGCCTGGAGCGGCC
 TCGCTTCTGTTTACTGAGCAAAGAGGAGGGCAAGATTTTGGCTTCCACCTGCAGCAGGAGCTGGGCAGG
 GCTGGGCATGTGGTGTGCAGGGTGGACCCAGGCACCTCTGCCAGCGCCAGGGTCTTCAGGAAGGAGACA
 GGATCCTGGCGGTGAACAATGATGTTGTGGAACACGAAGACTATGCGGTGGTGGTACGCCGCATCCGGGC
 CAGCAGCCCTCGGGTGTGCTGACAGTATTGGCACGGCATGCACATGACGTGGCCCGAGCTCAGCTGGGA
 GAAGATGCCACCTCTGTCCACCTAGGCCAGGGTCCGGCCCCGGCTGTGCCACATAGTGAAAGATG
 AGGGTGGTTTTGGCTCAGTGTACCCATGGCAATCAGGGTCTTTCTGGTTGGTCTAAGTACTGGAGG
 AGCAGCTGAGCGGGCAGGGGTGCCCGGGGGCCGGCTGCTGGAAGTGAATGGGGTCACTGTGGAGAAG
 TTCACCTACAACCAACTCACCAGGAAGCTTTGGCAGAGTGGACAGCAGGTGACCTTGCTGGTGGCAGGGC
 CAGAGGTGGAAGAACAGTGTCCGACAGTGGGATTGCCCTGGCTGCACCCCTGGCAGAGGGCTGGGCACT
 GCCCAACAGCCCGCTGCCTGCACCTGGAGAAAGGGCCAGGGTTTTGGTTCTGCTCCGGGAGGAA
 AAGGGCCTTGACGGTCCGCTGGACAGTTCTGTGGGAGTGGACCCGGGACTGCCAGCAAGAAGGCTG
 GGATGCAGGCTGGGGACCGGCTGGTGGCTGTGGCTGGGAGAGCGTGGAGGGCTGGGCCATGAGGAGAC
 AGTGTCCAGGATCCAGGGCAGGGCTCCTGTGTCTCCCTACTGTCGTCGACCTGAGGGCGACCGCTTC
 TTCAGCATGGTTCGCTGTCCCACTCCTCTTCTGGAGAACACAGAGGCTCCCGCTCGCCCCGGGCA
 GCAGCTCAGCCTCACTGGTTGAGACAGAGGACCCCTCACTTGAAGACACAAGCGTGCCTCTGTCCTCT
 TGGCTCCCGACAGTGTCTCCTGTACCCTGGGCCTGGTGGCAGCTATGGCTTCCGACTCAGTTGTGTGGCC
 AGTGGGCTCGTCTTTCATCTCCAGGTGACTCCAGGAGGCTCAGCTGCCCGGGCTGGGCTGCAAGTGG
 GAGACGTGATTCTGGAAGTGAACGGGTATCCTGTTGGGGGACAGAATGACCTGGAGAGGCTTCAGCAGCT
 GCCTGAGGCTGAGCCACCCCTCTGCCTGAAGCTGGCAGCCAGGTCTCTGCGGGGCTTGGAAAGCTGGATT
 CCCCTGGGGCTGCAGAGGACTGGGCTCTGGCTCGGATCTACTG

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC230192 representing NM_001168468
 Red=Cloning site Green=Tags(s)

MEKAADLQDTASLTLKFKFNPKLGIDNPVLSLAEDHDPYDPWSLERPRFCLLSKEEGKSFQFHLQQELGR
 AGHVVCRVDPGTSARQQLQEGDRILAVNNDVVEHEDYAVVRRIRASSPRVLLTVLARHAHDVARAQLG
 EDAHLCPTLGPVPRPRLCHIVKDEGGFVSVTHGNQGPFWLVLSTGGAERAGVPPGARLLEVNQVSVK
 FTHNQLTRKLWQSGQVTLVAGPEVEEQCRQLGLPLAAPLAEGWALPTKPRCLHLEKGPQGFLLREE
 KGLDGRPGQFLWEVDPGLPAKKAGMQAGDRLVAVAGESVEGLGHEETVSRIQGGQSCVSLTVVDPEADRF
 FSMVRLSPLLFLENTEAPASPRGSSASLVETEDPSLEDTSVPSVPLGSRQCFLYPGPGGSYGFRLSCVA
 SGPRLFISQVTPGGSAARAGLQVGDVILEVNGYPVGGQNDLERLQQLPEAEPPLCLKLAARSLRGLLEAWI
 PPGAAEDWALASDLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001168468

ORF Size:

1515 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_001168468.1</u>
RefSeq ORF:	1518 bp
Locus ID:	79849
UniProt ID:	<u>Q86UT5</u>
Cytogenetics:	11q23.3
MW:	54.7 kDa