

Product datasheet for **RC206783A1V**

Human PLD3 (NM_001031696) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PLD3 (NM_001031696) AAV Particle
Tag:	Myc-DDK
Symbol:	PLD3
Synonyms:	AD19; HU-K4; HUK4; SCA46
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC206783 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAAGCCTAACTGATGTACCAGGAGCTGAAGGTGCCTGCAGAGGAGCCGCCAATGAGCTGCCCATGA
 ATGAGATTGAGGCGTGGAAGGCTGCGGAAAAGAAAGCCGCTGGGTCTGCTGGTCTCATTCTGGCGGT
 TGTGGGCTTCGGAGCCCTGATGACTCAGCTGTTTCTATGGGAATACGGCGACTTGCATCTCTTTGGGCC
 AACCAGCGCCAGCCCTGCTATGACCCTTGCAGAGCAGTGTGGTGGAAAGCATTCTGAGGGCTGG
 ACTTCCCAATGCCTCCAGGGGAACCTTCCACCAGCCAGGCCTGGTGGGCTGCTCGCCGCTGCGCA
 CAGCAGCTGGACATCGCTCCTTCTACTGGACCCTACCAACAATGACACCCACAGCAGGAGCCCTCT
 GCCCAGCAGGGTGAAGAGTCTCCGGCAGCTGCAGACCCTGGCACCAGGGCGTGAACGTCCGCATCG
 CTGTGAGCAAGCCAGCGGGCCCGACAGCGGACCTGCAGGCTCTGCTGCAGAGCGGTGCCAGGT
 CCGCATGGTGGACATGCAGAAGCTGACCATGGCGTCTGCATACCAAGTTCTGGGTGGTGGACAGACC
 CACTTCTACCTGGGCAGTGCCAACATGGACTGGCGTTCCTGACCCAGGTCAAGGAGCTGGGCGTGGTCA
 TGTACAACCTGCAGCTGCCTGGCTCGAGACCTGACCAAGATCTTTGAGGCTACTGGTTCCTGGGCCAGGC
 AGGCAGCTCCATCCCATCAACTTGGCCCGGTTCTATGACACCCGCTACAACCAAGAGACACCAATGGAG
 ATCTGCCTCAATGGAACCCCTGCTCTGGCTACCTGGCGAGTGCGCCCCACCCCTGTGTCCAAGTGGCC
 GCACTCCAGACCTGAAGGCTCTACTCAACGTGGTGGACAATGCCCGGAGTTTCATCTACGTCGCTGTCAT
 GAACTACCTGCCACTCTGGAGTTCTCCACCCCTCACAGGTTCTGGCTGCCATTGACGATGGGTGCGG
 CGGGCCACCTACGAGCGTGGCGTCAAGGTGCGCTGCTCATCAGCTGCTGGGACACTCGGAGCCATCCA
 TCGCGGCTTCTGCTCTCTCTGGCTGCCCTGCGTGACAACCATACCCACTCTGACATCCAGTGAAACT
 CTTTGTGGTCCCGCGGATGAGGCCAGGCTCGAATCCCATATGCCCGTGTCAACCACAACAAGTACATG
 GTGACTGAACGCGCCACCTACATCGGAACCTCCAAGTGTCTGGCAACTACTTACGGAGACGGCGGGCA
 CCTCGTCTGCTGGTGACGAGAATGGGAGGGGCGGCTGCGGAGCCAGCTGGAGGCCATTTTCTGAGGGA
 CTGGGACTCCCTTACAGCCATGACCTTGACACCTCAGCTGACAGCGTGGGCAACGCCTGCCGCTGCTC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206783 protein sequence
 Red=Cloning site Green=Tags(s)

MKPKLMYQELKVPAAEPANELPMNEIEAWKAAEKKARWVLLVLILAVVGFGALMTQLFLWEYDGLHLFGP
 NQRPA PCYDPCEAVLVESIEGLDFPNASTGNPSTSQAWLGLLAGAHSSLDIASFYWTLTNNDTHTQEPS
 AQQGEVLRQLQTLAPKGVNVRIAVSKPSGPQPQADLQALLQSGAQVRMVDQMQLTHGLVHTKFWVVDQT
 HFYLG SANMDWRS LTQVKELGVVMYNC SCLARDLTKIFEAYWFLGQAGSSIPSTWPRFYDTRYNQETPME
 ICLNGTPALAYLASAPPPLCPSGRTPDLKALLNVVDNARSFIYVAVMNYLPTLEFSHPHRFWPAIDGDLR
 RATYERGVKVRLLISCWGHSEPSMRAFLLSLAALRDNHTSDIQVKLFVVPADAEQARIPYARVNHNKYM
 VTERATYIGTSNWSGNYFTETAGTSLLVTQNGRGGLRSQLEAIFLRDWDSPYSHDLDTADSVDGNACRL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001031696

ORF Size:

1470 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_001031696.1</u>
RefSeq Size:	2207 bp
RefSeq ORF:	1473 bp
Locus ID:	23646
UniProt ID:	<u>Q8IV08</u>
Cytogenetics:	19q13.2
MW:	54.7 kDa