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Product datasheet for RC231259A1V

Human PLD5 (NM_001195811) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PLD5 (NM_001195811) AAV Particle
Tag:	Myc-DDK
Symbol:	PLD5
Synonyms:	PLDC
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

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ORF Nucleotide Sequence:

>RC231259 representing NM_001195811
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCCCAGCAGAAGTGCATCGTGATCTTTGCCCTGGTGTGCTGCTTTGCCATTCTGGTTGCACTGATCT
TTTCAGCCGTGGACATCATGGGAGAGGATGAGGATGGACTCTCAGAAAAAAATTGCCAAAATAAATGTCG
AATTGCCCTGGTGGAAAATATTCCTGAAGGCCTTAACTATTCAGAAAATGCACCATTTCACTTATCACTT
TTCCAAGGCTGGATGAATTTACTCAACATGGCCAAAAAGTCTGTTGACATAGTGTCTTCCCATTGGGATC
TCAACCACACTCATCCATCAGCATGTCAGGGTCAACGTCTTTTTGAAAAGTTGCTCCAGCTGACTTCGCA
AAATATTGAAATCAAGCTAGTGAGTGATGTAACAGCTGATTCAAAGGTATTAGAAGCCTTGAAATTAAAG
GGAGCCGAGGTGACGTACATGAACATGACCGCTTACAACAAGGGCCGGCTGCAGTCCTCCTTCTGGATCG
TGGACAAACAGCACGTGTATATCGGCAGTGCCGGTTTGGACTGGCAATCCCTGGGACAGATGAAAGAACT
CGGTGTCATCTTCTACAACTGCAGCTGCCTGGTCCTAGATTTACAAAGGATATTTGCTCTATATAGTTCA
TTAAAATTCAAAAGCAGAGTGCCTCAAACCTGGTCCAAAAGACTCTATGGAGTCTATGACAATGAAAAGA
AATTGCAACTTCAGTTGAATGAAACCAAATCTCAAGCATTTGTATCGAATTCTCCAAAACTCTTTTGCCC
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AAATAAGAGAAGCATTAGTTTTACGAAGCGTTAGAGTTCGACTCCTTTTAAGCTTCTGGAAGGAAACTGA
TCCCCTTACGTTTAACTTTATTTCATCTCTTAAAGCGATTTGCACTGAAATAGCCAACTGCAGTTTGAAA
GTTAAATTTTTTGATCTGGAAAGAGAGAATGCTTGTGCTACAAAAGAACAAAAGAATCACACCTTTCCTA
GGTTAAATCGCAACAAGTACATGGTGACAGATGGAGCAGCTTATATTGGAAATTTTGATTGGGTAGGGAA
TGATTTCACTCAGAATGCTGGCACGGGCCTTGTTATCAACCAGGCAGATGTGAGGAACAACAGAAGCATC
ATTAAGCAACTTAAAGATGTGTTTGAAAGGGACTGGTATTCACCGTATGCCAAAACCTTACAGCCAACCA
AACAGCCGAACTGCTCAAGCCTGTTCAAACTCAAACCCCTCTCCAACAAAACTGCCACAGACGACACAGG
CGGAAAGGATCCCCGGAACGTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC231259 representing NM_001195811
Red=Cloning site Green=Tags(s)

MSQQKCIVIFALVCCFAILVALIFSAVDIMGEDEDGLSEKNCQNKCRIALVENIPEGLNYSENAPFHLSL
FQGWMNLLNMAKKSVDIVSSHWDLNHTHPSACQGQRLFEKLLQLTSQNIEIKLVSDVTADSKVLEALKLK
GAEVTYMNMTAYNKGRLQSSFWIVDKQHVYIGSAGLDWQSLGQMKELGVIFYNCSCLVLDLQRIFALYSS
LKFKSRVPQTWSKRLYGVYDNEKKLQLQLNETKSQAFVSNSPKLFCPKNRSFDIDAIYSVIDDAKQYVYI
AVMDYLPISSTSTKRTYWPDLDAKIREALVLRSVRVRLLLSFWKETDPLTFNFISSLKAICTEIANCSLK
VKFFDLERENACATKEQKNHTFPRLNRNKYMVTDGAAYIGNFDWVGNDFTQNAGTGLVINQADVRNNRSI
IKQLKDVFERDWYSPYAKTLQPTKQPNCSSLFKLKPLSNKTATDDTGGKDPRNV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001195811

ORF Size: 1422 bp

Buffer: PBS with 0.001% Pluronic F68

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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:	NM_001195811.1, NP_001182740.1
RefSeq ORF:	1425 bp
Locus ID:	200150
UniProt ID:	Q8N7P1
Cytogenetics:	1q43
MW:	54.4 kDa

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