

Product datasheet for **RC238527**

PLD3 (NM_001291311) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PLD3 (NM_001291311) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PLD3
Synonyms:	AD19; HU-K4; HUK4; SCA46
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC238527 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGCCTAAACTGATGTACCAGGAGCTGAAGGTGCCTGCAGAGGAGCCCGCCAATGAGCTGCCATGA
 ATGAGATTGAGGCGTGAAGGCTGCGGAAAAGAAAGCCCGCTGGTCTGCTGGTCTCATTCTGGCGGT
 TGTGGGCTTCGGAGCCCTGATGACTCAGCTGTTTCTATGGGAATACGGGACTTGATCTCTTTGGGCC
 AACCCAGCGCCAGCCCTGCTATGACCCTTGCGAAGCAGTGTGGTGGAAAGCATTCTGAGGGCTGG
 ACTTCCCAATGCCTCCACGGGAAACCCTCCACCAGCCAGGCCTGGCTGGGCTGCTCGCCGGTGC
 CAGCAGCTGGACATCGCTCCTTCTACTGACCCTCACCAACAATGACACCCACACGCAGGAGCCCTCT
 GCCCAGCAGGGTGAAGGCTCCTCGGCAGCTGCAGACCCTGGCACCAAGGGCGTGAACGTCGCATCG
 CTGTGAGCAAGCCAGCGGGCCAGCCACAGGGGACCTGCAGGCTCTGCTGCAGAGCGGTGCCAGGT
 CCGCATGGTGGACATGCAGAAGCTGACCATGGCGTCTGCATACCAAGTCTGGGTGGTGGACCAGACC
 CACTTCTACCTGGGCACTGCAACATGGACTGGGCTTCACTGACCAGGTCAAGGAGCTGGGCGTGGTCA
 TGTACAACCTGCAGCTGCCTGGCTCGAGACCTGACCAAGATCTTTGAGGCTACTGGTTCCTGGGCCAGGC
 AGGCAGCTCCATCCCATCAACTGGCCCGGTTCTATGACACCCGCTACAACCAAGAGACACCAATGGAG
 ATCTGCCTCAATGGAACCCCTGCTCTGGCTACCTGGCGAGTGCGCCCCACCCCTGTGTCCAAGTGGCC
 GCACTCCAGACCTGAAGGCTCTACTCAACGTGGTGGACAATGCCCGGAGTTTCATCTACGTCGCTGCAT
 GAACTACCTGCCACTCTGGAGTCTCCACCCTCACAGTTCGGCTGCCATTGACGATGGGCTGCGG
 CGGGCCACCTACGAGCGTGGCGTCAAGGTGCGCTGCTCATCAGCTGCTGGGACACTCGGAGCCATCCA
 TCGGGCCCTTCTGCTCTCTGGCTGCCCTGCTGACAACCATCCCACTCTGACATCCAGTGA
 CTTTGTGGTCCCCGCGGATGAGGCCAGGCTCGAATCCCATATGCCCGTGTCAACCACAACAGTACATG
 GTGACTGAACGCCACCTACATCGAACTCCAAGTGGTCTGGCAACTCTTACGAGACGGCGGCA
 CCTCGCTGCTGGTACGCAGAATGGGAGGGGCGCCTGCGGAGCCAGCTGGAGGCCATTTCTGAGGGA
 CTGGGACTCCCCTACAGCCATGACCTTGACACCTCAGCTGACAGCGTGGGCAACGCCTGCCGCTGCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238527 protein sequence
 Red=Cloning site Green=Tags(s)

MKPKLMYQELKVPAAEELPMNEIEAWKAAEKARWVLLVLLAVVGFALMTQLFLWEYGLHLFGP
 NQRPAFCYDPCAVLVEIPEGLDFPNASTGNPSTSQAWLGLLAGAHSSLDIASFYWTLTNNDTHTQEPS
 AQQGEEVLRQLQTLAPKGVNVRIVSKPSGPQPQADLQALLQSGAQVRMVDQMQLTHGVLHTKFWVVDQT
 HFYLGANMDWRSLTQVKELGVVMYNCCLARDLTKIFEAYWFLGQAGSSIPSTWPRFYDTRYNETPME
 ICLNGTPALAYLASAPPPLCPGSRTPDLKALLNVVDNARSFIYVAVMNYLPTLEFSHPHFWPAIDGRLR
 RATYERGVKVRLLISWGHSEPSMRAFLLSLAALRDNHTSDIQVKLFVVPADAEQARIPYARVNHKYM
 VTERATYIGTSNWSGNYFTETAGTSLLVQNGRGLRSQLEAIFLRDWDSPYSHDLDTSDSVGNACRLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6017_f12.zip

Restriction Sites:

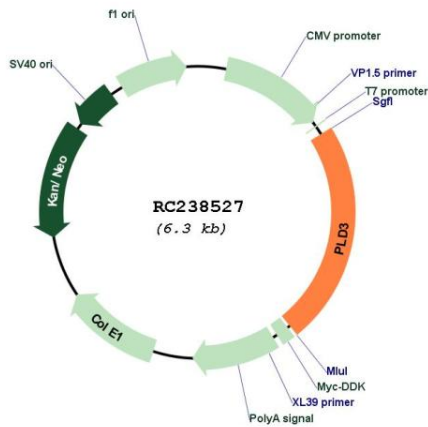
Sgfl-MluI

Protein Families: Transmembrane

MW: 54.7 kDa

Gene Summary: This gene encodes a member of the phospholipase D (PLD) family of enzymes that catalyze the hydrolysis of membrane phospholipids. The encoded protein is a single-pass type II membrane protein and contains two PLD phosphodiesterase domains. This protein influences processing of amyloid-beta precursor protein. Mutations in this gene are associated with Alzheimer disease risk. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Apr 2014]

Product images:



Circular map for RC238527