

Recombinant Full Length Human PLD3 Protein, GST-tagged

Cat. No. PLD3-384HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PLD3(1 a.a. - 490 a.a.) , fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	490 amino acids
Description	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.
Molecular Mass	81.1 kDa
AA Sequence	MKPKLMYQEL KVPAAEEPANE LPMNEIEAWK AAEKKARWVL LVLILAVVGF GALMTQLFLW EYGDHLHFGP NQRPAPCYDP CEAVLVESIP EGLDFPNAST GNPSTSQAWL GLLAGAHSSL DIASFYWTLT NNDTHTQEPS AQQGEEVLRQ LQTLAPKGVN VRIAVSKPSG PQPQADLQAL LQSGAQVRMV DMQKLTHGVL HTKFWVVDQT HFYLGSAHMD WRSLTQVKEL GVVMYNCSCSCL ARDLTKIFEA YWFLGQAGSS IPSTWPRFYD TRYNQETPME ICLNGTPALA YLASAPPPLC PSGRTPDLKA LLNVVDNARS FIYVAVMNYL PTLEFSHPHR FWPAIDDGLR

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RATYERGVKV RLLISCWGH S EPSMRAFLLS LAALRDNHTH SDIQVKLFVV
 PADEAQARIP YARVNH NKYM VTERATYIGT SNWSGNYFTE TAGTSLLVTQ
 NGRGGLRSQ L EAIFLRDWDS PYSHDLDTSA DSVGNACRLL

Applications ELISA; WB-Re; AP; Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name PLD3 phospholipase D family, member 3 [Homo sapiens (human)]

Official Symbol PLD3

Synonyms PLD3; HUK4; HU-K4; phospholipase D family, member 3; hospholipase D3; PLD 3; hindIII K4L homolog; choline phosphatase 3; phosphatidylcholine-hydrolyzing phospholipase D3

Gene ID 23646

mRNA Refseq NM_001031696

Protein Refseq NP_001026866

MIM 615698

UniProt ID Q8IV08

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