

Recombinant Human PLD3, MYC/DDK-tagged

Cat. No. PLD3-106H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human phospholipase D family, member 3 (PLD3), transcript variant 1, fused with C-terminal MYC/DDK, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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	54.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	PLD3 phospholipase D family, member 3 [Homo sapiens (human)]
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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; NP_001026866.1; EC 3.1.4.4; NP_036400.2
Gene ID	23646
mRNA Refseq	NM_001031696
Protein Refseq	NP_001026866
MIM	615698
UniProt ID	Q8IV08
Chromosome Location	19q13.2
Pathway	Ether lipid metabolism; Glycerophospholipid biosynthesis; Phospholipid metabolism
Function	N-acylphosphatidylethanolamine-specific phospholipase D activity; phospholipase D activity; protein binding

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