

Datasheet for ABIN7565292
PLD1 Protein (AA 1-1074) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	PLD1
Protein Characteristics:	AA 1-1074
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLD1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Pld1 Protein expressed in mammalien cells.
Sequence:	<p>MSLKSETRVN TSTLQKIAAD MSNLIENLDT RELHFEGEEV EYDASPGDPK AQEGCIPFSS</p> <p>IYNTQGFKEP NIQTYLSGCP IKAQVLEVER FTSTSRVPSI NLYTIELTHG EFTWQVKRKF</p> <p>KHFQEFHREL LKYKAFIRIP IPTKRHTFRR QNVKEEPROM PSLPRSSENA IQEEQFFGRR</p> <p>KQLEDYLTKE LKMPMYRNYH ATTEFLDVSQ LSFHDLGPK GLEGMIMKRS GGHRIPGVNC</p> <p>CGHGRACYRW SKRWLIVKDS FLLYMKPDGS AIAFVLLVDK EFRVKVGRKE TETKYGLRID</p> <p>NLSRTLILKC NSYRHARWWG GAIEEFIRKH GADFLKDHRF GSYAALHENT LAKWYVNAKG</p> <p>YFEDIANAME EASEEIFITD WWLSPEIFLK RPVVEGNRWR LDCILKRKAQ QGVRIFIMLY</p> <p>KEVELALGIN SEYSKRTLMLR LHPNIKVMRH PDHVSSSVYL WAHHEKLVII DQSVAFVGGI</p> <p>DLAYGRWDDN EHRLTDVGSV KRVTSGLSLG SLTAASVESM ESLSLKDKHE FHKKEPISKI</p> <p>VDETDMLKLG IGKSRKFSKF SLYRQLHRHH LHNADSISSI DSTSSYFSHC RSHQNLHGL</p> <p>KPHLKLHPS SESEQGLTRH STDTGSIRSV QTGVGELHGE TRFWHGKDYC NFVFKDWWQL</p>

DKPFADFIDR YSTPRMPWHD IGSVVHGKAA RDVARHFIQR WNFTKIMKPK YRSLSYPFLL
PKSQATAHEL RYQVPGAVPA KVQLLRSAAD WSAGIKHHEE SIHAAYIHVI ENSKHYYIE
NQFFISCADD KVVFNKVGDR IAQRILKAHR EGQRYRVYIV IPLLPGFEGD ISTGGGNALQ
AIMHFNRYTM CRGESSILEQ LKPELGNKWI NYISFCGLRT HAELEGNLVT ELIYVHSKLL
IADDNTVIIG SANINDRSML GKRDEMAVI VQDTETVPSV MDGKEYQAGR FARDLRLECF
RLVLGYLSDP SEDLQDPVSD KFFKEIWVST AARNATIYDK VFRCLPNDEV HNLIQLRDFI
NKPILAKEDA LRAEEELRKI RGFLVQFPLY FLSEENLLPS VGTKEAIVPM EVWT **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

PLD1

Alternative Name:

Plid1 ([PLD1 Products](#))

Background:

Phospholipase D1 (PLD 1) (mPLD1) (EC 3.1.4.4) (Choline phosphatase 1) (Phosphatidylcholine-hydrolyzing phospholipase D1),FUNCTION: Function as phospholipase selectivefor phosphatidylcholine (PubMed:9395408). Implicated as a critical step in numerous cellular

Target Details

pathways, including signal transduction, membrane trafficking, and the regulation of mitosis.
May be involved in the regulation of perinuclear intravesicular membrane traffic
(PubMed:9395408). {ECO:0000269|PubMed:9395408}.

Molecular Weight: 124.0 kDa

UniProt: [Q9Z280](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months