

Recombinant Human PLD6 Protein Product Manual

1. Product Basic Information

Product No.: REP07812

Protein Name: Pld Mitoplid (PLD6)

Aliases: PLD mitoPLD; phospholipase D6; choline phosphatase protein zucchini homolog; Zucchini endoribonuclease; mitochondrial phospholipase; phosphatidylcholine-hydrolyzing phospholipase D6

UniProt ID: Q8N2A8

UniProt Link: <https://www.uniprot.org/uniprotkb/Q8N2A8/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-252aa)

Molecular Weight: 28.3 kDa

Protein Tag: Tag-Free

2. Amino Acid Sequence (1-252aa)

MGRLSWQVAAAAAVGLALTLEALPWVLRWLRSRRRRPRREALFFPSQVTCTEALL
RPGAELAEELPEGPCGLPHGESALSRLLRALLAARASLDLCLFASFSSPQLGRAVQ
LLHQRGVRVRVVTDCDYMALNGSQIGLLRKAGIQVRHDQDPGYMHHKFAIVDKRVL
ITGSLNWTQAIQNNRENVLITEDDEYVRLFLEEFERIWEQFNPTKYTFPPKKSHG
SCAPPVSRAGGRLLSWHRTCSTSESQT

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions



Enlibio Wuhan Enlibio Biotech Co.,Ltd Manuals version5.9

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human PLD6 full length protein (1-252aa) expressed in E.coli. The protein is tag-free. PLD6, also known as PLD mitoPLD or phospholipase D6 or choline phosphatase protein zucchini homolog, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.