

# Recombinant Human PLD4 Protein (52-506 aa), His-SUMO-tagged

**Cat. No.** PLD4-1079H    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

Recombinant Human PLD4 Protein (52-506 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Cardiovascular. Protein Description: Partial.

### Species

Human

### Source

E.coli

### ProteinLength

52-506 aa

### Form

Tris-based buffer, 50% glycerol

### Molecular Mass

66.0 kDa

### AA Sequence

WQVPRPPTWGQVQPKDVPRSWEHGSSPAWEPLAEARQQRDSCQLVLVESIPQD  
LPSAAGSPSAQPLGQAWLQLLDTAQESVHVASYWSLTGPDIGVNDSSSQLGEALL  
QKLQQLLGRNISLAVATSSPTLARTSTDQLVLAARGAHVRQVPMGRLTRGVLHSKF  
WVVDGRHIYMGSANMDWRSALTQVKELGAVIYNCSHLAQDLEKTFQTYWVLGVPKA  
VLPKTPWQNFSSHFNRFPFHGLFDGVPTTAYFSASPPALCPQGRTRDLEALLAVM  
GSAQEFIIYASVMEYFPTTRFSHPPRYWPVLDNALRAAAFSGKGVVRLLVGCGLNTD  
PTMFPYLRSLQALSNPAAVSVVDVKVFIVPGNHSNIPFSRVNHSKFMVTEKAAYIGT  
SNWSEDFSSSTAGVGLVVTQSPGAQPAGATVQEQLRQLFERDWSSRYAVGLDGQ  
APGQDCVWQG

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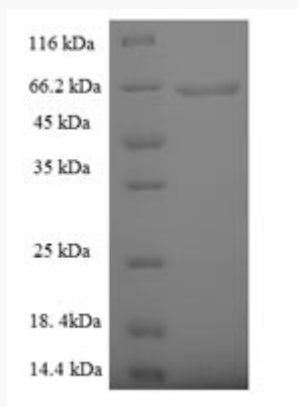
 45-1 Ramsey Road, Shirley, NY 11967, USA

|                         |                                                                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                    |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                                                                                        |
| <b>Storage</b>          | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |
| <b>Concentration</b>    | A hardcopy of COA with concentration instruction is sent along with the products.                                                                                                                                                                                                                                   |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                     |
| <b>Gene Name</b>        | PLD4 phospholipase D family, member 4 [ Homo sapiens ]                                                                                                                                                                                                                                                              |
| <b>Official Symbol</b>  | PLD4                                                                                                                                                                                                                                                                                                                |
| <b>Synonyms</b>         | PLD4; phospholipase D4; PLD 4; C14orf175;                                                                                                                                                                                                                                                                           |
| <b>Gene ID</b>          | 122618                                                                                                                                                                                                                                                                                                              |
| <b>mRNA Refseq</b>      | NM_138790                                                                                                                                                                                                                                                                                                           |
| <b>Protein Refseq</b>   | NP_620145                                                                                                                                                                                                                                                                                                           |
| <b>UniProt ID</b>       | Q96BZ4                                                                                                                                                                                                                                                                                                              |

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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