

## Recombinant Human PLCD4 protein, His-tagged

Cat. No. PLCD4-3655H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human PLCD4 protein(462-762 aa), fused to His tag, was expressed in E. coli.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | 462-762 aa   |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.  |
| <b>AA Sequence</b>      | ESQFETEPEPQEQLQNKDKKKKSKPILCPALSSLVIYLKSVSFRSFTHSKEHYHFYE<br>ISSFSETKAKRLIKEAGNEFVQHNTWQLSRVYPSGLRTDSSNYPQELWNAGCQMV<br>AMNMQTAGLEMDICDGHFRQNGGCGYVLKPDFLRDIQSSFHPEKPISPFKAQTLIIQ<br>VISGQQLPKVDKTKESIVDPLVKVQIFGVRLDTARQETNYVENNGFNPYWGQTLCF<br>RVLVPELAMLRVVMDDYDWKSRNDFIGQYTLPWTCMQQGYRHIHLLSKDGISLRPA<br>SIFVYICIQEGLEGDES |
| <b>Purity</b>           | 95%, by SDS-PAGE with Coomassie Brilliant Blue staining.   |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw   |

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cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

**Gene Name**

PLCD4 phospholipase C, delta 4 [ Homo sapiens ]

**Official Symbol**

PLCD4

**Synonyms**

PLCD4; phospholipase C, delta 4; 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase delta-4; PLC delta4; phosphoinositide phospholipase C-delta-4; MGC12837;

**Gene ID**

84812

**mRNA Refseq**

NM\_032726

**Protein Refseq**

NP\_116115

**MIM**

605939

**UniProt ID**

Q9BRC7

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