

Recombinant Mouse Plcd1 Protein, Myc/DDK-tagged

Cat. No. Plcd1-4914M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length phospholipase C, delta 1 (Plcd1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes. Essential for trophoblast and placental development. Binds phosphatidylinositol 4,5-bisphosphate.
Molecular Mass	85.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Plcd1 phospholipase C, delta 1 [Mus musculus (house mouse)]
Official Symbol	Plcd1
Synonyms	Plcd1; phospholipase C, delta 1; C79986; AW212592; 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase delta-1; PLC-delta 1; phosphoinositide phospholipase C-delta-1; phospholipase C delta 1 Lf; EC 3.1.4.11
Gene ID	18799
mRNA Refseq	NM_019676
Protein Refseq	NP_062650
UniProt ID	Q8R3B1

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