

Recombinant Mouse Plcb1 Protein, Myc/DDK-tagged

Cat. No. Plcb1-4913M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length phospholipase C, beta 1 (Plcb1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the hydrolysis of 1-phosphatidylinositol 4,5-bisphosphate into diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) and mediates intracellular signaling downstream of G protein-coupled receptors Regulates the function of the endothelial barrier
Molecular Mass	138.4 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

GENE INFORMATION

Gene Name	Plcb1 phospholipase C, beta 1 [Mus musculus (house mouse)]
Official Symbol	Plcb1
Synonyms	PLCB1; phospholipase C, beta 1; 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1; PLC-154; PLC-beta-1; phospholipase C-beta-1; phospholipase C-beta-1a; phosphoinositide phospholipase C; phosphoinositide phospholipase C-beta-1; 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase beta-1; Plcb; AI132408; mKIAA0581; 3110043I21Rik
Gene ID	18795
mRNA Refseq	NM_001145830
Protein Refseq	NP_001139302
UniProt ID	Q9Z1B3

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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