

Recombinant Mouse Plcg2 Protein, Myc/DDK-tagged

Cat. No. Plcg2-4918M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length phospholipase C, gamma 2 (Plcg2), 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. It is a crucial enzyme in transmembrane signaling.
Molecular Mass	147.6 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.

GENE INFORMATION

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Gene Name	Plcg2 phospholipase C, gamma 2 [Mus musculus (house mouse)]
Official Symbol	Plcg2
Synonyms	Plcg2; phospholipase C, gamma 2; Plcg; PLCga; Plcg-2; PLCgamma2; PLC-gamma-2; 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-2; phosphoinositide phospholipase C-gamma-2; EC 3.1.4.11
Gene ID	234779
mRNA Refseq	NM_172285
Protein Refseq	NP_758489
UniProt ID	Q8CIH5

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