

Recombinant Mouse Pla2g1b Protein, Myc/DDK-tagged

Cat. No. Pla2g1b-4898M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length phospholipase A2, group IB, pancreas (Pla2g1b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	PA2 catalyzes the calcium-dependent hydrolysis of the 2-acyl groups in 3-sn-phosphoglycerides, this releases glycerophospholipids and arachidonic acid that serve as the precursors of signal molecules.
Molecular Mass	16.3 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	Pla2g1b phospholipase A2, group IB, pancreas [Mus musculus (house mouse)]
Official Symbol	Pla2g1b
Synonyms	PLA2G1B; phospholipase A2, group IB, pancreas; phospholipase A2; PLA2-Ib; group IB phospholipase A2; phosphatidylcholine 2-acylhydrolase 1B; Pla2a; sPLA2IB; MGC6679
Gene ID	18778
mRNA Refseq	NM_011107
Protein Refseq	NP_035237
UniProt ID	Q9Z0Y2

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