

## Recombinant Mouse Pla1a Protein, Myc/DDK-tagged

Cat. No. Pla1a-4893M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length phospholipase A1 member A (Pla1a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Hydrolyzes the ester bond at the sn-1 position of glycerophospholipids and produces 2-acyl lysophospholipids. Hydrolyzes phosphatidylserine (PS) in the form of liposomes and 1-acyl-2 lysophosphatidylserine (lyso-PS), but not triolein, phosphatidylcholine (PC), phosphatidylethanolamine (PE), phosphatidic acid (PA) or phosphatidylinositol (PI). Hydrolysis of lyso-PS in peritoneal mast cells activated by receptors for IgE leads to stimulate histamine production.
<b>Molecular Mass</b>	50.1 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** [Pla1a phospholipase A1 member A \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Pla1a](#)

**Synonyms** PLA1A; phospholipase A1 member A; phosphatidylserine-specific phospholipase A1; Pspla1; Ps-pla1; AA986889

**Gene ID** [85031](#)

**mRNA Refseq** [NM\\_134102](#)

**Protein Refseq** [NP\\_598863](#)

**UniProt ID** [Q8VI78](#)

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