

## Recombinant Mouse Pla2g1b protein(Met1-Cys146), His-tagged

**Cat. No.** Pla2g1b-1185M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse PLA2G1B (NP_035237.1) extracellular domain (Met 1-Cys 146) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Cys146
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The secreted recombinant mouse PLA2G1B consists of 142 amino acids and has a predicted molecular mass of 16.3 kDa. rmPLA2G1B migrates as an approximately 18 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 96 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** Pla2g1b phospholipase A2, group IB, pancreas [ *Mus musculus* ]

**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

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