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

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Cys146
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	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.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 96 % as determined by SDS-PAGE
Storage	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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