

Active Recombinant Mouse Pla2r1

Cat. No. Pla2r1-614M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pla2r1 (Accession # NP_032893) Gln27-Gly1392, fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Gln27-Gly1392
Predicted N Terminal	No results obtained: Gln27 predicted (N-sequencing might be blocked)
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Human PLA2G1B is immobilized at 5 µg/mL (100 µL/well), the concentration of Recombinant Mouse PLA2R1 that produces 50% of the optimal binding response is found to be approximately 1.5 - 7.5 µg/mL.
Molecular Mass	Recombinant Mouse Pla2r1 has a calculated MW of 157.5 kDa. In SDS-PAGE migrates as 150-170 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

Reconstitution

Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION
Gene Name

Pla2r1 phospholipase A2 receptor 1 [*Mus musculus* (house mouse)]

Official Symbol

Pla2r1

Synonyms

Pla2r; Pla2-r; Pla2g1br; secretory phospholipase A2 receptor; secretory phospholipase A2 receptor; 180 kDa secretory phospholipase A2 receptor; M-type receptor; PLA2-I receptor; phospholipase A2, group IB, pancreas, receptor

Gene ID

18779

mRNA Refseq

NM_008867.2

Protein Refseq

NP_032893.1

MIM
UniProt ID

Q62028

**Chromosome
Location**

2; 2 C1.1

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