

Recombinant Mouse Phospholipase A2, Group XIIA

Cat. No. Pla2g12a-712M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Phospholipase A2, Group XIIA is produced in <i>Escherichia coli</i> . MW=65 kDa.
Species	Mouse
Source	E.coli
Description	Group XIIA secretory phospholipase A2 is an enzyme that in humans is encoded by the PLA2G12A gene.
Purity	>85% (SDS-PAGE).
Reconstitution	Reconstitute the vial with deionized water.
Solubility	H2O: soluble 0.5 mg/mL. Tris pH 8.0: easily soluble.
Storage	-20°C. Shipped in wet ice.

GENE INFORMATION

Gene Name	Pla2g12a phospholipase A2, group XIIA [<i>Mus musculus</i>]
Synonyms	Pla2g12a; phospholipase A2, group XIIA; GXII; Rossy; Pla2g12; mGXII-1; MGC58884; mGXII-1-PLA2; 2310004B05Rik; GXII sPLA2; group XII-1 phospholipase A2; group XIIA secreted phospholipase A2; group XIIA secretory phospholipase A2;

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phosphatidylcholine 2-acylhydrolase 12A; sPLA2-XII; EC 3.1.1.4

Gene ID

66350

mRNA Refseq

NM_023196

Protein Refseq

NP_075685

UniProt ID

Q9EPR2

**Chromosome
Location**

3 H1;3

Pathway

Arachidonic acid metabolism; Ether lipid metabolism; Fc epsilon RI signaling pathway; Glycerophospholipid metabolism; GnRH signaling pathway; Linoleic acid metabolism; Long-term depression; MAPK signaling pathway; Metabolic pathways; VEGF signaling pathway; Vascular smooth muscle contraction; alpha-Linolenic acid metabolism

Function

calcium ion binding; calcium-dependent phospholipase A2 activity; hydrolase activity

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