

## Recombinant Mouse Pla2g12a Protein, Myc/DDK-tagged

Cat. No. Pla2g12a-4895M Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length phospholipase A2, group X1IA (cDNA clone MGC:25458 IMAGE:4456431), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                  |
| <b>Species</b>          | Mouse  |
| <b>Source</b>           | HEK293   |
| <b>Description</b>      | PA2 catalyzes the calcium-dependent hydrolysis of the 2-acyl groups in 3-sn-phosphoglycerides. Does not exhibit detectable activity toward sn-2-arachidonoyl- or linoleoyl-phosphatidylcholine or -phosphatidylethanolamine. |
| <b>Molecular Mass</b>   | 21.3 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   |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.  |

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**GENE INFORMATION**

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | Pla2g12a phospholipase A2, group XIIA [ <i>Mus musculus</i> (house mouse) ]   |
| <b>Official Symbol</b> | Pla2g12a  |
| <b>Synonyms</b>        | Pla2g12a; phospholipase A2, group XIIA; R; GX; GXII; Pla2; Rossy; mGXII; GXII-1; Pla2g12; mGXII-1; GXII-1-PLA2; 2310004B05Rik; group XIIA secretory phospholipase A2; group XII-1 phospholipase A2; group XIIA secreted phospholipase A2; phosphatidylcholine 2-acylhydrolase 12A; EC 3.1.1.4 |
| <b>Gene ID</b>         | 66350   |
| <b>mRNA Refseq</b>     | NM_023196   |
| <b>Protein Refseq</b>  | NP_075685   |
| <b>UniProt ID</b>      | Q9EPR2  |

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