

## Recombinant Human PLA2G12A, GST-tagged

**Cat. No.** PLA2G12A-1749H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PLA2G12A protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	23-189aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	PLA2G12A phospholipase A2, group X1IA [ Homo sapiens ]
<b>Official Symbol</b>	PLA2G12A
<b>Synonyms</b>	PLA2G12A; phospholipase A2, group X1IA; phospholipase A2, group XII , PLA2G12; group X1IA secretory phospholipase A2; sPLA2-X1I; GX1I sPLA2; group XII secreted phospholipase A2; group X1IA secreted phospholipase A2; phosphatidylcholine 2-acylhydrolase 12A; GX1I; ROSSY; PLA2G12;

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Gene ID</b>	81579
<b>mRNA Refseq</b>	NM_030821
<b>Protein Refseq</b>	NP_110448
<b>MIM</b>	611652
<b>UniProt ID</b>	Q9BZM1
<b>Chromosome Location</b>	4q25
<b>Pathway</b>	Arachidonic acid metabolism, organism-specific biosystem; Arachidonic acid metabolism, conserved biosystem; Ether lipid metabolism, organism-specific biosystem; Ether lipid metabolism, conserved biosystem; Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Fc epsilon RI signaling pathway, organism-specific biosystem;
<b>Function</b>	calcium ion binding; calcium-dependent phospholipase A2 activity; hydrolase activity;

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