

# Recombinant Human PLA2G12A lysate

**Cat. No.** PLA2G12A-482HCL    **Lot. No.** (See product label)

## SPECIFICATION

|                            |                                                                                          |
|----------------------------|------------------------------------------------------------------------------------------|
| <b>Product Overview</b>    | Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer     |
| <b>Species</b>             | Human                                                                                    |
| <b>Source</b>              | HEK293                                                                                   |
| <b>Molecular Mass</b>      | 21067.29Da                                                                               |
| <b>Recommended Usage</b>   | WB                                                                                       |
| <b>Storage Instruction</b> | Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                        |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | PLA2G12A phospholipase A2, group XIIA [ Homo sapiens ]                                                                                                                                                                                                                                 |
| <b>Official Symbol</b> | PLA2G12A                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>        | PLA2G12A; phospholipase A2, group XIIA; phospholipase A2, group XII , PLA2G12; group XIIA secretory phospholipase A2; sPLA2-XII; GXII sPLA2; group XII secreted phospholipase A2; group XIIA secreted phospholipase A2; phosphatidylcholine 2-acylhydrolase 12A; GXII; ROSSY; PLA2G12; |
| <b>Gene ID</b>         | 81579                                                                                                                                                                                                                                                                                  |

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|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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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