

# Recombinant Human PLA2G7, His-tagged

**Cat. No.** PLA2G7-1757H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PLA2G7 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.         |
| <b>Species</b>          | Human                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                            |
| <b>ProteinLength</b>    | C-term-346aa                                                                                                      |
| <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 Na2HPO4, 17mM NaH2PO4, 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol. |

## GENE INFORMATION

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| <b>Gene Name</b>       | PLA2G7 phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma) [ Homo sapiens ]                                                                                                                                          |
| <b>Official Symbol</b> | PLA2G7                                                                                                                                                                                                                                            |
| <b>Synonyms</b>        | PLA2G7; phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma); platelet-activating factor acetylhydrolase; LDL PLA2; PAFAH; LDL-PLA(2); gVIIA-PLA2; PAF 2-acylhydrolase; PAF acetylhydrolase; group-VIIA phospholipase |

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|                            | A2; LDL-associated phospholipase A2; lipoprotein-associated phospholipase A2; 1-alkyl-2-acetyl-glycerophosphocholine esterase; 2-acetyl-1-alkyl-glycerophosphocholine esterase; PAFAD; LP-PLA2; LDL-PLA2;                                                                                                                                                                                                             |
| <b>Gene ID</b>             | <a href="#">7941</a>                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>         | <a href="#">NM_001168357</a>                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>      | <a href="#">NP_001161829</a>                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>MIM</b>                 | <a href="#">601690</a>                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>UniProt ID</b>          | <a href="#">Q13093</a>                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Chromosome Location</b> | 6p21.2-p12                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Pathway</b>             | Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; Ether lipid metabolism, organism-specific biosystem; Ether lipid metabolism, conserved biosystem; Lissencephaly gene (LIS1) in neuronal migration and development, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Synthesis, Secretion, and Deacylation of Ghrelin, organism-specific biosystem; |
| <b>Function</b>            | 1-alkyl-2-acetyl-glycerophosphocholine esterase activity; calcium-independent phospholipase A2 activity; hydrolase activity; phospholipid binding;                                                                                                                                                                                                                                                                    |