

Recombinant Human PLA2G7, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human PLA2G7 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-346aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	PLA2G7 phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma) [Homo sapiens]
Official Symbol	PLA2G7
Synonyms	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;
Gene ID	7941
mRNA Refseq	NM_001168357
Protein Refseq	NP_001161829
MIM	601690
UniProt ID	Q13093
Chromosome Location	6p21.2-p12
Pathway	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;
Function	1-alkyl-2-acetyl-glycerophosphocholine esterase activity; calcium-independent phospholipase A2 activity; hydrolase activity; phospholipid binding;