

Recombinant Human PLA2G7 Protein, His-tagged

Cat. No. PLA2G7-632H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLA2G7(Phe22-Asn441), transcript variant 2, fused with His tag at N-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
ProteinLength	22-441 a.a.
Description	Modulates the action of platelet-activating factor (PAF) by hydrolyzing the sn-2 ester bond to yield the biologically inactive lyso-PAF. Has a specificity for substrates with a short residue at the sn-2 position. It is inactive against long-chain phospholipids.
Form	20mM HAc-NaCl, 150mM NaCl, 10% Glycerol, pH 4.5. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	48.8 kDa
Endotoxin	< 0.1 EU per µg protein as determined by LAL test
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 µg/mL as determined by microplate BCA method

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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 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

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