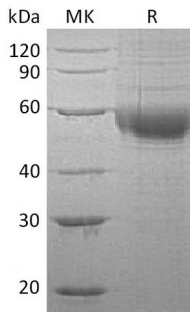
Product Name: Recombinant Human PLA2G7 (C-6His)
Catalog #: PHH1341

Summary

Name	Platelet-Activating Factor Acetylhydrolase/Pafah
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Platelet-Activating Factor Acetylhydrolase is produced by our Mammalian expression system and the target gene encoding Phe22-Asn441 is expressed with a 6His tag at the C-terminus.
Accession #	AAH38452.1
Host	Human Cells
Species	Human
Predicted Molecular Mass	48.8 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 50mM NaAc, 150mM NaCl, 50% Glycerol, pH5.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names	Platelet-Activating Factor Acetylhydrolase; PAF Acetylhydrolase; 1-Alkyl-2-Acetylglycerophosphocholine Esterase; 2-Acetyl-1-Alkylglycerophosphocholine Esterase; Group-VIIA Phospholipase A2; gVIIA-PLA2; LDL-Associated Phospholipase A2; LDL-PLA(2); PAF 2-Acylhydrolase; PLA2G7; PAFAH

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Background	Platelet-Activating Factor Acetylhydrolase (PAFAH) is a secreted enzyme which belongs to the AB hydrolase superfamily and Lipase family and catalyzes the degradation of platelet-activating factor to biologically inactive products. PAFAH is produced by inflammatory cells and hydrolyzes oxidised phospholipids in LDL. PAFAH has been implicated in the development of atherosclerosis and has also been identified as a marker for cardiac disease. PAFAH might have a major physiologic effect in the presence of inflammatory bodily responses. PAFAH alters the action of PAF by hydrolyzing the sn-2 ester bond to yield the biologically inactive lyso-PAF. PAFAH has specificity for substrates with a short residue at the sn-2 position.

Note

For Research Use Only , Not for Diagnostic Use.