

Secreted Phospholipase A2-VII Human Recombinant, HEK

Item Number	rAP-1820
Synonyms	Platelet-activating factor acetylhydrolase, PAF acetylhydrolase, PAF 2-acylhydrolase, LDL-associated phospholipase A2, LDL-PLA(2), 2-acetyl-1-alkylglycerophosphocholine esterase, 1-alkyl-2-acetyl-glycerophosphocholine esterase, PLA2G7, PAFAH, LP-PLA2, LDL-
Description	Recombinant Human PLA2G7 produced in HEK293 cells is a polypeptide chain (22-441 a.a), fused to an 8 amino acid His-tag at C-terminus, containing a total of 428 amino acids. PLA2G7 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q13093
Amino Acid Sequence	FDWQYINPVAHMKSSAWVNKIQLMAAASFQGTKIPRGNPGPYSVGCTDLMFDHTNKGTFRLRYPSQDND RLDTLWIPNKEYFWGLSKFLGTHWLMGNILRLLFGSMTTPANWNSPLRPGEKYPLVVFHSHGLGAFRTLYSA IGIDLASHGFIVAAVEHRDRSASATYYFKDQSAAEIGDKSWLYLRTLKQEEETHIRNEQVRQRAKECSQALS LILDIDHKGPKVKNALDLKFDMEQLKDSIDREKIAVIGHSFGGATVIQTLSEDQRFRCGIALDAWMFPLGDEVY SRIPQLFFINSEYFQYPANIIKMKKCYSPDKERKMITIRGSVHQNFADFTFATGKIIGHMLKLKGDIDSNAID LSNKASLAFLQKHLGLHKDFDQWDCLIEGDDENLIPGTNINTTNQHIMLQNSSGIEKYNVDHHHHHH.
Source	HEK293 cells.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.
Formulation and Purity	The PLA2G7 is supplied as a 0.2µm filtered solution in 20mM HAc-NaCl, 150mM NaCl and 10% Glycerol, pH 4.5. Greater than 95% as determined by SEC-HPLC and SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**