

Recombinant Human PLA2G1B, His-tagged

Cat. No. PLA2G1B-1751H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLA2G1B protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-70aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	PLA2G1B phospholipase A2, group IB (pancreas) [Homo sapiens]
Official Symbol	PLA2G1B
Synonyms	PLA2G1B; phospholipase A2, group IB (pancreas); PLA2, PLA2A, PPLA2; phospholipase A2; group IB phospholipase A2; phosphatidylcholine 2-acylhydrolase 1B; PLA2; PLA2A; PPLA2; MGC119834; MGC119835;

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Gene ID	5319
mRNA Refseq	NM_000928
Protein Refseq	NP_000919
MIM	172410
UniProt ID	P04054
Chromosome Location	12q23-qter
Pathway	Arachidonic acid metabolism, organism-specific biosystem; Arachidonic acid metabolism, conserved biosystem; Ether lipid metabolism, organism-specific biosystem; Ether lipid metabolism, conserved biosystem; Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Fc epsilon RI signaling pathway, organism-specific biosystem;
Function	bile acid binding; calcium ion binding; calcium ion binding; calcium-dependent phospholipase A2 activity; cell surface binding; hydrolase activity; phospholipase A2 activity; phospholipase A2 activity; receptor binding; receptor binding;

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