Recombinant Human PLA2G1B Protein, MYC/DDK-tagged

Cat. No. PLA2G1B-1878H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PLA2G1B protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
Species	Human
Source	HEK293
Description	This gene encodes a secreted member of the phospholipase A2 (PLA2) class of enzymes, which is produced by the pancreatic acinar cells. The encoded calcium-dependent enzyme catalyzes the hydrolysis of the sn-2 position of membrane glycerophospholipids to release arachidonic acid (AA) and lysophospholipids. AA is subsequently converted by downstream metabolic enzymes to several bioactive lipophilic compounds (eicosanoids), including prostaglandins (PGs) and leukotrienes (LTs). The enzyme may be involved in several physiological processes including cell contraction, cell proliferation and pathological response. [provided by RefSeq, Aug 2013].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	16.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	PLA2G1B phospholipase A2, group IB (pancreas) [Homo sapiens]
Official Symbol	PLA2G1B
Synonyms	PLA2; PLA2A; PPLA2
Gene ID	5319
mRNA Refseq	NM_000928
Protein Refseq	NP_000919
MIM	172410
UniProt ID	P04054

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