

Recombinant Human PLA2G2A Protein, MYC/DDK-tagged

Cat. No. PLA2G2A-1885H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PLA2G2A protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of the phospholipase A2 family (PLA2). PLA2s constitute a diverse family of enzymes with respect to sequence, function, localization, and divalent cation requirements. This gene product belongs to group II, which contains secreted form of PLA2, an extracellular enzyme that has a low molecular mass and requires calcium ions for catalysis. It catalyzes the hydrolysis of the sn-2 fatty acid acyl ester bond of phosphoglycerides, releasing free fatty acids and lysophospholipids, and thought to participate in the regulation of the phospholipid metabolism in biomembranes. Several alternatively spliced transcript variants with different 5' UTRs have been found for this gene.[provided by RefSeq, Sep 2009].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	13.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	PLA2G2A phospholipase A2, group IIA (platelets, synovial fluid) [Homo sapiens]
Official Symbol	PLA2G2A
Synonyms	MOM1; PLA2; PLA2B; PLA2L; PLA2S; PLAS1; sPLA2
Gene ID	5320
mRNA Refseq	NM_000300
Protein Refseq	NP_000291
MIM	172411
UniProt ID	P14555

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