

## PLA2G4A 抗原（重组蛋白）

中文名称： PLA2G4A 抗原（重组蛋白）

英文名称： PLA2G4A Antigen (Recombinant Protein)

别名： PLA2G4; cPLA2-alpha

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to N terminal 178 amino acids of human PLA2G4A

技术规格：

<b>Full name:</b>	phospholipase A2, group IVA (cytosolic, calcium-dependent)
<b>Synonyms:</b>	PLA2G4; cPLA2-alpha
<b>Swissprot:</b>	P47712
<b>Gene Accession:</b>	BC114340
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	This gene encodes a member of the cytosolic phospholipase A2 group IV family. The enzyme catalyzes the hydrolysis of membrane phospholipids to release arachidonic acid which is subsequently metabolized into eicosanoids. Eicosanoids, including prostaglandins and leukotrienes, are lipid-based cellular hormones that regulate hemodynamics, inflammatory responses, and other intracellular pathways. The hydrolysis reaction also produces lysophospholipids that are converted into platelet-activating factor. The enzyme is activated by increased intracellular Ca <sup>2+</sup> levels and phosphorylation, resulting in its translo

cation from the cytosol and nucleus to perinuclear membrane vesicles.