

# Recombinant Human PLA2G2A

Catalog No: #GP13488



Package Size: #GP13488-1 100ug

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## Description

Product Name	Recombinant Human PLA2G2A
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 21-144 amino acids of human PLA2G2A
Target Name	phospholipase A2 group IIA
Other Names	MOM1; PLA2; PLA2B; PLA2L; PLA2S; PLAS1; sPLA2
Accession No.	Swissprot:P14555Gene Accession:BC005919
Uniprot	P14555
GeneID	5320;
Storage	-20~-80°C, pH 7.6 PBS

## Background

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.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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