



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## PLA2G2A FISH Probe

Catalog # : FA0019

規格 : [ 200 uL ]

List All

### Specification

<b>Product Description:</b>	Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. ( <a href="#">Technology</a> )
<b>Supplied Product:</b>	DAPI Counterstain (1500 ng/mL ) 250 uL
<b>Storage Instruction:</b>	Store at 4°C in the dark.
<b>Origin:</b>	Human
<b>Source:</b>	Genomic DNA
<b>Notice:</b>	We <b>strongly recommend</b> the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: <a href="#">KA2375</a> or <a href="#">KA2691</a> ) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections.
<b>Regulation Status:</b>	For research use only (RUO)

### Application Image

Fluorescent In Situ Hybridization (Cell)

### Applications

Fluorescent In Situ Hybridization (Cell)

 [Protocol Download](#)

### Gene Information

**Entrez GeneID:** [5320](#)

**Gene Name:** PLA2G2A

**Gene Alias:** MOM1, PLA2, PLA2B, PLA2L, PLA2S, PLAS1, sPLA2

**Gene Description:** phospholipase A2, group IIA (platelets, synovial fluid)

**Omim ID:** [114500](#), [172411](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** 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

**Other** OTTHUMP00000002786,phosphatidylcholine 2-  
**Designations:** acylhydrolase,phospholipase A2, group IIA,synovial phospholipase-A2

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### Gene Pathway

[alpha-Linolenic acid metabolism](#) [Arachidonic acid metabolism](#) [Ether lipid metabolism](#)  
[Fc epsilon RI signaling pathway](#) [Glycerophospholipid metabolism](#) [GnRH signaling pathway](#)  
[Linoleic acid metabolism](#) [Long-term depression](#) [MAPK signaling pathway](#)  
[Metabolic pathways](#) [Vascular smooth muscle contraction](#) [VEGF signaling pathway](#)

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### Related Disease

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[Depressive Disorder](#) [Diabetes Mellitus, Type 2](#) [Edema](#) [Genetic Predisposition to Disease](#)  
[HIV Infections](#) [Lung Neoplasms](#) [Pulmonary Disease, Chronic Obstructive](#) [Schizophrenia](#)  
[Schizophrenia](#) [Sepsis](#) [Urinary Bladder Neoplasms](#) [Werner syndrome](#)

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