



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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

PLA2G2A (Human) Recombinant Protein (P01)

Catalog Number: H00005320-P01

Regulation Status: For research use only (RUO)

Product Description: Human PLA2G2A full-length ORF (AAH05919.1, 1 a.a. - 144 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MKTLALLAVIMIFGLLQAHGNLVNFHRMIKLTTGKEAAL
SYGFYGCCHGCGVGGGRGSPKDATDRCCVTHDCCYKRLE
KRGCGTKFLSYKFSNSGSRITCAKQDSCRSQLCECDK
AAATCSARNKTTYNKKYQYYSNKHCRGSTPRC

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 42.5

Interspecies Antigen Sequence: Rat (71)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5320

Gene Symbol: PLA2G2A

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

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]