

Datasheet for ABIN7479447

**PLA2G2A Protein (AA 22-146, full length) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	PLA2G2A
Protein Characteristics:	AA 22-146, full length
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLA2G2A protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	SLLEFGQMIL FKTGKRADVS YGFYGCCHGV GGRGSPKDAT DWCCVTHDCC YNRLEKRGCG TKFLTYKFSY RGGQISCSTN QDSCRKQLCQ CDKAAAECFA RNKKSYSYSLKY QFYPNKFCKG KTPSC
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

## Target Details

Target:	PLA2G2A
Alternative Name:	Phospholipase A2, membrane associated (Pla2g2a) ( <a href="#">PLA2G2A Products</a> )

## Target Details

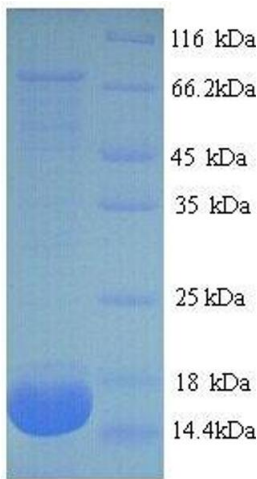
Background:	Recommended name: Phospholipase A2, membrane associated. EC= 3.1.1.4. Alternative name(s): GLIC sPLA2 Group IIA phospholipase A2 Phosphatidylcholine 2-acylhydrolase 2A
Molecular Weight:	16.1 kD
UniProt:	<a href="#">P14423</a>
Pathways:	<a href="#">Stem Cell Maintenance</a> , <a href="#">Inositol Metabolic Process</a>

## Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.



SDS-PAGE

**Image 1.** phospholipase A2, Group IIA (Platelets, Synovial Fluid) (PLA2G2A) (AA 22-146), (full length) protein (His tag)