Datasheet for ABIN7585549

PLA1A Protein (AA 25-456) (His tag)

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Overview

Quantity:	100 µg
Target:	PLA1A
Protein Characteristics:	AA 25-456
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLA1A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	GNVPPT TQPKCTDFQS ANLLRGTNLK VQFLLFTPSD PGCGQLVEED SDIRNSEFNA SLGTKLIIHG FRALGTKPSW INKFIRALLR AADANVIAVD WVYGSTGMYF SAVENVVKLS LEISRFLSKL LELGVSESSI HIIGVSLGAH VGGMVGHFYK GQLGRITGLD PAGPEYTRAS LEERLDSGDA LFVEAIHTDT DNLGIRIPVG HVDYFVNGGQ DQPGCPAFIH AGYSYLICDH MRAVHLYISA LENTCPLMAF PCASYKAFLA GDCLDCFNPF LLSCPRIGLV ERGGVKIEPL PKEVRVYLQT TSSAPYCVHH SLVEFNLKEK RKKDTSIEVT FLGNNVTSSV KITIPKDHLE GRGIIAHQNP HCQINQVKLK FHISSRVWRK DRTPIVGTFC TAPLPVNDSK KTVCIPEPVR LQVSMAVLRD LKMACV
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	PLA1A
Abstract:	PLA1A Products
Background:	Recommended name: Phospholipase A1 member A. EC= 3.1.1.-. Alternative name(s): Phosphatidylserine-specific phospholipase A1. Short name= PS-PLA1
UniProt:	P97535

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 modificated 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

Handling

Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.