

Datasheet for ABIN7590973

PLA2G15 Protein (AA 30-407) (His tag)



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Overview

Quantity:	100 µg
Target:	PLA2G15
Protein Characteristics:	AA 30-407
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLA2G15 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	G SRPPVVLVPG DMGNQLEAKL DKPSVVHYVC SKRTDHYFTL WLNLELLLPV IIDCWIDNVR LIYNQTSHTT QFPEGVDVRV PGFGDTFSME FLDPSKSSVG SYLHTMVESL VSWG YERKGD VRGAPYDWRR APNENGPYFL ALRKMIEEMY QLYGGPVVLV AHSMGNMYML YFLQHQPQDW KDKYIRAFVA LGPPWGGVPK TLRVLASGDN NRIPVIRSLK IRAQQRSAVS TTWLLPYSYT WSPQKVFVRT PKANYTLQDY RQFFQDIGFK DGWSMRQDTE GLVEATVPPG VRLHCLYGTG VPTPESFDYE SFPDRDPKIH YGTGDGTVNL QSALHCHTWR GLQKQEVSLQ ALPGNEHIAM LANTTTLAYL KRVLLGP
Specificity:	Bos taurus (Bovine)
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:	PLA2G15
Alternative Name:	Group XV phospholipase A2 (PLA2G15) (PLA2G15 Products)
Background:	Recommended name: Group XV phospholipase A2. EC= 2.3.1.-. Alternative name(s): 1-O-acylceramide synthase. Short name= ACS LCAT-like lysophospholipase. Short name= LLPL Lysophospholipase 3 Lysosomal phospholipase A2. Short name= LPLA2
UniProt:	Q8WMP9
Pathways:	Monocarboxylic Acid Catabolic Process

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 modified 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.