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Datasheet for ABIN1620494

PLA2G3 Protein (AA 20-501) (His tag)

Overview

Quantity:	1 mg
Target:	PLA2G3
Protein Characteristics:	AA 20-501
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLA2G3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	G SPALHWDSTS CHLARPIGR PLRSLSFLGK DAQGLALFHA HWDGHGRLQV CSRQDEPELT AAYGALCAGE ITRGSFIHTP GPELQRALAT LQSQWEACRG PAESPAGTRE KRAAGQNGVP GIGRQWVKRG WTVPGTLWCG VGDSAGNSSE LGVFQGPDLG CREHDCRPHN VSPFQYNYGI RNYRFHTISH CNCDARFQQC LQDQRDSVSD IMGVAFFNVL AIPCFVLEEQ EACVEWYWWG GCRRYGSVPF ARLQPRTFYN ASWSSPATSL TPSPQNPALS RPQPMQHPQQ WPSEWKESKS PSKTNATALQ APVASPGSDR ASTVQLEVTH PGFQGTGGR KPPGAHRACR SFRHLDQCEH QIGPQETKFQ LFNSAHEPLF HCNCTRRLAR FLRLHGPPVG ASMLWELPGM TCFKLAPPLD CAEGKGCPRD PRAFKVSARH LLRLQQRRLQ LQGTGTDNGQ VWPSEDQGAP ISFYNRCLQL T
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.

Product Details

Purity: > 90 %

Target Details

Target: PLA2G3

Alternative Name: Group 3 secretory phospholipase A2 (PLA2G3) ([PLA2G3 Products](#))

Background: Recommended name: Group 3 secretory phospholipase A2.
EC= 3.1.1.4.
Alternative name(s): Group III secretory phospholipase A2.
Short name= GIII sPLA2.
Short name= sPLA2-III Phosphatidylcholine 2-acylhydrolase 3

UniProt: [Q1JPB9](#)

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

Handling

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