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Datasheet for ABIN1474809

PLA2G16 Protein (AA 1-130) (His tag)

Overview

Quantity:	1 mg
Target:	PLA2G16
Protein Characteristics:	AA 1-130
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLA2G16 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPIPEPKPGD LIEIFRPMYS HWAIYVGDGY VIHAPPSEI PGAGAASIMS ALTDKAIVKK ELLRDVAGKD KYQVNNKHDK EYTPLPLNKI IQRAEELVGQ EVLYRLTSEN CEHFVNELRY GVPRSDQVRD
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:	PLA2G16
Alternative Name:	Group XVI phospholipase A1/A2 (Pla2g16) (PLA2G16 Products)

Target Details

Background:	Recommended name: Group XVI phospholipase A1/A2. EC= 3.1.1.32. EC= 3.1.1.4. Alternative name(s): H-rev 107 protein HRAS-like suppressor 3
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UniProt:	P53817
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Pathways:	Inositol Metabolic Process
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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.
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Restrictions:	For Research Use only
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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.