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## Datasheet for ABIN1653987 PLC Protein (AA 29-398) (His tag)

### Overview

Quantity:	1 mg
Target:	PLC
Protein Characteristics:	AA 29-398
Origin:	Clostridium perfringens
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLC protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	WD GKADGTGTHA MIATQGVITL ENDLSSNEPE VIRNNLEILK QNMHDLQLGS TYPDYDKNAY DLYQDHFWDPT DTDNNFTKDS KWYLSYSIPD TAESQIRKFS ALARYEWKRG NYKQATFYLG EAMHYFGDAD TPYHAANVTA VDSPGHVKFE TFAEDRKDQY KINTTGSKTN DAFYSNILT EDFNSWSKEF ARSFAKTAKD LYYSHANMSC SWDEWDYAAK VALANSQKGT SGYIYRFLHD VSDGKDSSAN KNVNELVAYI TTGGEKYAGT DDYMYFGIKT KDGQTQEWMT DNP GND FMTG SQDTYTFKLK DKNLKIDDIQ NMWIRKSKYT EFGDDYKPAN IKVIANGNVV LNKDINEWIS GNSTYNIK
Specificity:	Clostridium perfringens
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:	PLC
Abstract:	<a href="#">PLC Products</a>
Background:	Recommended name: Phospholipase C. Short name= PLC. EC= 3.1.4.3. Alternative name(s): Alpha-toxin Hemolysin Lecithinase Phosphatidylcholine cholinephosphohydrolase
UniProt:	<a href="#">Q9RF12</a>
Pathways:	<a href="#">TCR Signaling</a> , <a href="#">Response to Water Deprivation</a> , <a href="#">G-protein mediated Events</a> , <a href="#">Interaction of EGFR with phospholipase C-gamma</a> , <a href="#">Phototransduction</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 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

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