

Datasheet for ABIN7589748  
**PLCz1 Protein (AA 1-645) (His tag)**



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## Overview

Quantity:	100 µg
Target:	PLCz1
Protein Characteristics:	AA 1-645
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLCz1 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	<p>MESHYELAEA RWFMSKIQDY FRGGKISAGI THKLEKLDF PCHFAHVKRI FKENDRHNQG</p> <p>RITTEDFRTI YRCIVHREEI VEIFNTYTEN RKILPEDSLI EFLTQEYEM EMDSSSVEI IQKYEPIAEV</p> <p>KNERQMSIEG FARYMFSSEC LLFKETCNTV YQDMNKPLND YYISSSHNTY LISDQILGPS</p> <p>DIWGYISALV KGCRCLIDC WDGAQNEPIV YHGYLTSKL LFKTVIQAIN KYAFVTSNDP</p> <p>VVLSLENHCS PGQQEVMTDI LQSTFGDFLL SDILDEFDPS LPSPEALKFK ILVKNKKVGT</p> <p>LSETRERLGT DKRGIALDLE EEIYENEDD SGKEPETWDD FLSRVKEEQE ADPSTLSGIA</p> <p>DAKKKIRKLR VALALSDLVI YTKAEKFRNF QYSRVYQQFN ETTSMGESRA RKLSKLRAHE</p> <p>FIFHTAAFIT RVYPKFTRAD SSNFPNQEFW NVGCQMVALN FQTPGLPMDL QNGKFLDNGG</p> <p>SGYVLKPDFL RDTTLGFNPN EPEGDGHVPT LTIRLISGIQ LPVNVPSNTS DIIVIEVYG</p> <p>VPNDHMKQQS RAVKNNAFSP RWNFTFTFLI QVPELALIRF VVETQGFLSG NELLGQYTLF</p> <p>VLCMNKGYRR VPLFSKSGAN LEPSSLFYV WYYRE</p>
Specificity:	Rattus norvegicus (Rat)

## Product Details

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.
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Purity:	> 90 %
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## Target Details

Target:	PLCz1
Alternative Name:	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase zeta-1 (Plcz1) ( <a href="#">PLCz1 Products</a> )

Background:	Recommended name: 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase zeta-1. EC= 3.1.4.11. Alternative name(s): Phosphoinositide phospholipase C-zeta-1 Phospholipase C-zeta-1. Short name= PLC-zeta-1
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UniProt:	<a href="#">Q5FX52</a>
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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 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.
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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

Handling

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