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Datasheet for ABIN1630288

**PLSC Protein (AA 1-250) (His tag)**

## Overview

Quantity:	1 mg
Target:	PLSC
Protein Characteristics:	AA 1-250
Origin:	Borrelia burgdorferi
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLSC protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MIIVFMKILR SIITYFNVLL FFLILIFFLF PFYLVCKIFL IERYVVRLSF IMMRACIKIS LWLAGIKIIV TGSENIPKKS NVIIMGNHIA AMDPLIFIYT FACPFVILAK HSLLRIPFVN IVLIVMGVIF VNRRSIRSAA AAEVKAIKVM REGRSIGIFP EGTRNRGGDT RVFKKGSIKM ALKTGTSILP VTLYNTNNFF IKNIIFNSGL SVYIHVHPLI DVLKLSEYEK ENLTSIIRDQ IVKKLETIKI
Specificity:	Borrelia burgdorferi (strain ATCC 35210 / B31 / CIP 102532 / DSM 4680)
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:	PLSC
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## Target Details

Abstract: [PLSC Products](#)

Background: Recommended name: 1-acyl-sn-glycerol-3-phosphate acyltransferase.  
Short name= 1-AGP acyltransferase.  
Short name= 1-AGPAT.  
EC= 2.3.1.51.  
Alternative name(s): Lysophosphatidic acid acyltransferase.  
Short name= LPAAT

UniProt: [Q59188](#)

## 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

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