

Datasheet for ABIN7587496

## PLIN5 Protein (AA 1-456) (His tag)



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### Overview

Quantity:	100 µg
Target:	PLIN5
Protein Characteristics:	AA 1-456
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLIN5 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>             MSEDEAAQAP GPSLWEQDQQ SVVQRVAALP LIRATCSAVS EAYSAAKDRH PLLGSACRLA              EHCVCDLTTR ALDHAQPLLS HLQPQLATVN DLACRGLDKL EEKLPFLQQP SETVVTSAKG              VVASGVTGMV GLARQGRRWS VELKRSVSHA MDVVLEKSEE LVDHFLPMTE EELAALAAEA              EGPEVGSVEE QRKHQGYFVR LGSLSTRLRH LAYEHS LGKL RQKKHHAQDM LAQLQETLEL              IHRMQCGVTP ITPARPGKVH ELWEDWSQRP LENGRRRHSQ AELETLVLSR GLMEELQSTV              DALET SVRGL PPSAQEKVAE VRRSVDALQA AFADARRFGD VPAAVLAAGR GSMARAHACV              DELLELVVQA VPLPWLVPF APILVERPEP PPDLEALVDE VVGPDPRWA HLDWPAQQRA              WQAQHGEQTV LSGNIPEEEP EPPSRPKHTL MPELDF           </p>
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

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Purity: > 90 %

## Target Details

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Target: PLIN5

Alternative Name: Perilipin-5 (PLIN5) ([PLIN5 Products](#))

Background: Recommended name: Perilipin-5.  
Alternative name(s): Lipid storage droplet protein 5

UniProt: [A6QLLO](#)

## Application Details

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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

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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.