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Datasheet for ABIN1669180  
**PLIN5 Protein (AA 1-456) (His tag)**

### Overview

Quantity:	1 mg
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:	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 DALETSVRGL PPSAQEKVAE VRRSVDALQA AFADARRFGD VPAAVLAAGR GSMARAHACV DELLELVVQA VPLPWLVGPF APILVERPEP PPDLEALVDE VGGPDPRWA HLDWPAQQRA WQAQHGEQTV LSGNIPEEEP EPPSRPKHTL MPELDF
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 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

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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.