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Datasheet for ABIN1652843  
**ADRP Protein (AA 2-450) (His tag)**

### Overview

Quantity:	1 mg
Target:	ADRP (PLIN2)
Protein Characteristics:	AA 2-450
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADRP protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	ASVAVEPQL SVVTRVANLP LVSSTYDLVS SAYISRKDQY PYLKSLCEMA EKGMKTITSV AVTSALPIIQ KLEPQIAVAN TYACKGLDRI EEKLPILNQP TNQVVANAKG AMTGAKDAVT TTVTGAKDSV ASTITGVVDR TKGAVTGSVE KTKSVVSGSI NTVLRSRVMQ LMSSGVENAL TKSELLVDQY LPLTKDELEK EAKKVEGFDM VQKPSYYVRL GSLSTKLRSR AYQQALCRVE EAKRKGQETI SQLHSAFNLS ELARKNVHNA NQKIQAQDK LYLSWLEWKR SIGYDDTDES HCAEHIESRT LAIARNLTQQ LQTMCHTLLS NIQGLPQNIQ DRANHLGVMA GDIYSVFRNA ASFKEVSDGL LASSKGQLQK MKESLDDVMD YLVNNTPLNW LVGPFYPQVT ESESAQAPGT TRRPGRWSRK HPKPVPVSNA EGSQPDDSSS
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: ADRP (PLIN2)

Alternative Name: Perilipin-2 (PLIN2) ([PLIN2 Products](#))

Background: Recommended name: Perilipin-2.  
Alternative name(s): Adipophilin Adipose differentiation-related protein.  
Short name= ADRP

UniProt: [Q9TUM6](#)

Pathways: [Regulation of Lipid Metabolism by PPARAlpha](#), [Lipid Metabolism](#)

## 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

## Handling

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