Datasheet for ABIN5853721

ADRP Protein (AA 1-437) (T7 tag)

1 Image

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Overview

Quantity:	100 µg
Target:	ADRP (PLIN2)
Protein Characteristics:	AA 1-437
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADRP protein is labelled with T7 tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MASMTGGQQM GRGSMASVAV DPQPSVVTRV VNLPLVSSTY DLMSSAYLST KDQYPYLKSV CEMAENGVKT ITSVAMTSAL PIIQKLEPQI AVANTYACKG LDRIEERLPI LNQPSTQIVA NAKGAVTGAK DAVTTTVTGA KDSVASTITG VMDKTKGAVT GSVEKTKSVV SGSINTVLGS RMMQLVSSGV ENALTKSELL VEQYLPLTEE ELEKEAKKVE GFDLVQKPSY YVRLGSLSTK LHSRAYQQAL SRVKEAKQKS QQTISQLHST VHLIEFARKN VYSANQKIQD AQDKLYLSWV EWKRSIGYDD TDESHCAEHI ESRTLAIARN LTQQLQTTCH TLLSNIQGVP QNIQDQAKHM GVMAGDIYSV FRNAASFKEV SDSLLTSSKG QLQKMKESLD DVMDYLVDNT PLNWLVGPFY PQLTESQNAQ DQGAEMDKSS QETQRSEHKT H
Purity:	>85 % by SDS - PAGE

Target Details

Target:	ADRP (PLIN2)

Target Details

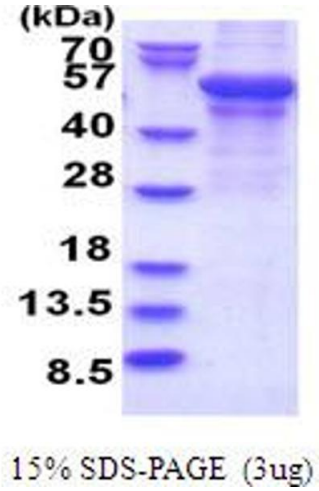
Alternative Name:	PLIN2 (PLIN2 Products)
Background:	PLIN2 belongs to the perilipin family, members of which coat intracellular lipid storage droplets. This protein is associated with the lipid globule surface membrane material, and maybe involved in development and maintenance of adipose tissue. However, it is not restricted to adipocytes as previously thought, but is found in a wide range of cultured cell lines, including fibroblasts, endothelial and epithelial cells, and tissues, such as lactating mammary gland, adrenal cortex, Sertoli and Leydig cells, and hepatocytes in alcoholic liver cirrhosis, suggesting that it may serve as a marker of lipid accumulation in diverse cell types and diseases. Recombinant human PLIN2, fused to T7-tag at N-terminus, was expressed in E.coli.
Molecular Weight:	49.3kDa (450aa)
NCBI Accession:	NP_001113
UniProt:	Q99541
Pathways:	Regulation of Lipid Metabolism by PPARalpha, Lipid Metabolism

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Denatured
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M uREA, 10 % glycerol
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.