

Product datasheet for **AR51514PU-S**

Adipophilin / ADFP (1-437, T7 tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Adipophilin / ADFP (1-437, T7 tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MASMTGGQQM GRGSMASVAV DPQPSVTRV VNLPLVSSTY DLMSSAYLST KDQYPYLKSV CEMAENGVKT ITSVAMTSAL PIIQKLEPQI AVANTYACKG LDRIEERLPI LNPSTQIVA NAKGAVTGAK DAVTTTGTGA KDSVASTITG VMDKTKGAVT GSVEKTSKV SGSINTVLGS RMMQLVSSGV ENALTKSELL VEQYLPLTEE ELEKEAKKVE GFDLVQKPSY YVRLGSLSTK LHSRAYQQAL SRVKEAKQKS QQTISQLHST VHLIEFARKN VYSANQKIQD AQDKLYLSWV EWKRSIGYDD TDESHCAEHI ESRTLAIARN LTQQLQTTCH TLLSNIQGVP QNIQDQAKHM GVMAGDIYSV FRNAASFKEV SDSLLTSSKG QLQKMESLD DVMDYLDVNT PLNWLVGPFY PQLTESQNAQ DQGAEMDKSS QETQRSEHKT H
Tag:	T7-tag
Predicted MW:	49.3 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PLIN2, fused to T7-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001113</u>
Locus ID:	123


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UniProt ID: [Q99541](#), [Q6FHZ7](#)

Cytogenetics: 9p22.1

Synonyms: Adipose differentiation-related protein, ADRP

Summary: The protein encoded by this gene 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. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2011]

Protein Families: Druggable Genome

Product images:

