

## Recombinant Human Perilipin 2, T7-tagged

Cat. No. PLIN2-62H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human perilipin 2 produced in <i>E. Coli</i> is a non-glycosylated, polypeptide chain containing amino acids 1-437 and having a total molecular mass of 50.2kda. rh PLIN2 contains T7 tag at N-terminus and is purified by proprietary chromatographic techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-437 a.a.
<b>Description</b>	Adipocyte differentiation-related protein is associated with the globule surface membrane material. This protein is a major constituent of the globule surface. Increase in mRNA levels is one of the earliest indications of adipocyte differentiation.
<b>Physical Appearance</b>	Sterile Filtered clear solution
<b>Purity</b>	Greater than 95.0% as determined by the analysis by reducing and non-reducing SDS-PAGE coomassie blue staining.
<b>Formulation</b>	Recombinant Human Adipose Differentiation-Related Protein at 0.1mg/ml, 10mM Tris, pH 8.0, 0.1% Triton X-100, 0.002% NaN <sub>3</sub> .
<b>Applications</b>	• ELISA • MS • Inhibition Assays • Western Blotting.

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**Storage**

rHuADFP-1 although stable at 14°C for 1 week, should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**GENE INFORMATION**

**Gene Name**

PLIN2 perilipin 2 [ Homo sapiens ]

**Synonyms**

ADFP; ADRP; PLIN2; adipose differentiation-related protein; adipophilin; MGC10598; Adipose differentiation-related protein; Adipophilin

**Gene ID**

123

**mRNA Refseq**

NM\_001122

**Protein Refseq**

NP\_001113

**MIM**

103195

**UniProt ID**

Q99541

**Chromosome  
Location**

9p22.1

**Pathway**

Metabolism of lipids and lipoproteins

**Function**

protein binding

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