

Recombinant Human Perilipin 2, T7-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	E.coli
Protein Length	1-437 a.a.
Description	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.
Physical Appearance	Sterile Filtered clear solution
Purity	Greater than 95.0% as determined by the analysis by reducing and non-reducing SDS-PAGE coomassie blue staining.
Formulation	Recombinant Human Adipose Differentiation-Related Protein at 0.1mg/ml, 10mM Tris, pH 8.0, 0.1% Triton X-100, 0.002% NaN ₃ .
Applications	• 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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