

Recombinant Human Perilipin 3, His-tagged

Cat. No. PLIN3-829H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLIN3 was produced in E.coli with a His tag at N-terminus. MW = 47047 Da (1-434 aa).
Species	Human
Source	E.coli
ProteinLength	1-434 a.a.
Description	Perilipin is a protein that coats lipid droplets in adipocytes, the fat-storing cells in adipose tissue. Perilipin acts as a protective coating from the body's natural lipases, such as hormone-sensitive lipase, which break triglycerides into glycerol and free fatty acids for use in metabolism, a process called lipolysis. In humans, perilipin is expressed in three different isoforms, A, B and C, and perilipin A is the most abundant protein associated with the adipocyte lipid droplets.
Form	10 mM Tris. pH 8.0. 0.002% NaN ₃ . 3mM NaCl. 2.5mM Imidazole.
Purity	95%.
Clonality	N/A.
Applications	MS. SDS.

GENE INFORMATION

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Gene Name	PLIN3 perilipin 3 [Homo sapiens]
Synonyms	PLIN3; perilipin 3; PP17; TIP47; M6PRBP1; MGC2012; MGC11117; perilipin-3; placental protein 17; 47 kDa MPR-binding protein; MPR-binding protein 47 kDa; cargo selection protein TIP47; tail-interacting protein, 47 kD; mannose-6-phosphate receptor binding protein 1; mannose-6-phosphate receptor-binding protein 1; 47 kDa mannose 6-phosphate receptor-binding protein; cargo selection protein (mannose 6 phosphate receptor binding protein); MPR-BINDING PROTEIN, 47-KD
Gene ID	10226
mRNA Refseq	NM_001164189
Protein Refseq	NP_001157661
MIM	602702
UniProt ID	O60664
Chromosome Location	19p13.3
Function	protein binding

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