

Recombinant Human PLIN1 Protein, His tagged

Cat. No. PLIN1-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLIN1 Protein with His tagged
Species	Human
Source	E.coli
ProteinLength	8-145 aa
Description	The protein encoded by this gene coats lipid storage droplets in adipocytes, thereby protecting them until they can be broken down by hormone-sensitive lipase. The encoded protein is the major cAMP-dependent protein kinase substrate in adipocytes and, when unphosphorylated, may play a role in the inhibition of lipolysis. Alternatively spliced transcript variants varying in the 5' UTR, but encoding the same protein, have been found for this gene.
Molecular Mass	16 kDa
AASequence	MTLLDGDLP EQENVLQ RVLQLP VVSGTCECFQKTYTSTKEAHPLVASVCNAYEKGV QSASSLAAWSMEPVVRRRLSTQFTAANELACRGLDHL EEEKIPALQYPPEKIAS ELKDTI STRLRSARNSISVPIASTSDKVLGAHHHHHHHH
Endotoxin	<1EU/μg by LAL
Purity	>90% by SDS-PAGE

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Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH7.4, 5% Trehalose, 10% Glycerol
Concentration	1 mg/mL by BCA

GENE INFORMATION

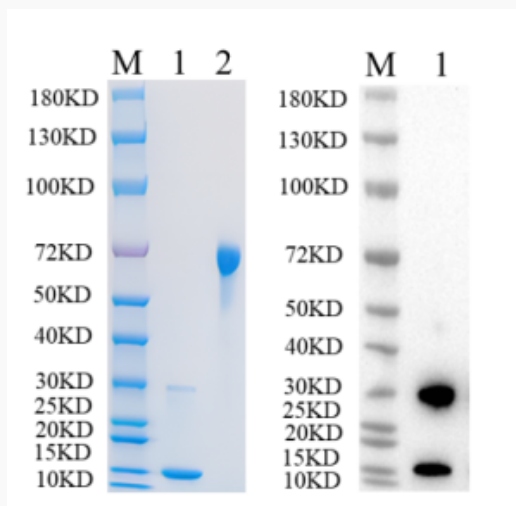
Gene Name	PLIN1 perilipin 1 [Homo sapiens (human)]
Official Symbol	PLIN1
Synonyms	PLIN1; perilipin 1; perilipin , PLIN; perilipin-1; lipid droplet-associated protein; PERI; PLIN; FPLD4
Gene ID	5346
mRNA Refseq	NM_001145311
Protein Refseq	NP_001138783
MIM	170290
UniProt ID	O60240

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SDS-PAGE and WB



Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified PLIN1. 1. PLIN1: 1 μ g 2. BSA: 1 μ g