

Recombinant Human PLIN1 Protein (411-496 aa), His-tagged

Cat. No. PLIN1-2302H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLIN1 Protein (411-496 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial.
Species	Human
Source	Yeast
ProteinLength	411-496 aa
Description	Modulator of adipocyte lipid metabolism. Coats lipid storage droplets to protect them from breakdown by hormone-sensitive lipase (HSL). Its absence may result in leanness. Plays a role in unilocular lipid droplet formation by activating CIDEC. Their interaction promotes lipid droplet enlargement and directional net neutral lipid transfer. May modulate lipolysis and triglyceride levels.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	11.2 kDa
AA Sequence	EPSEFRDIDNPPAEVERREAERRASGAPSAGPEPAPRLAQPRRSLRSAQSPGAPP GPGLEDEVATPAAPRPGFPAVPREKPKRRV
Purity	> 85% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

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

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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