

Recombinant Mouse Plin1 Protein, MYC/DDK-tagged

Cat. No. Plin1-243M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse perilipin 1 (Plin1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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.
Molecular Mass	56 kDa
Purity	>80%, as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Plin1 perilipin 1 [Mus musculus (house mouse)]
Official Symbol	Plin1
Synonyms	Plin1; perilipin 1; Peri; Plin; 6030432J05Rik; perilipin-1; lipid droplet-associated protein; perilipin A; perilipin B
Gene ID	103968
mRNA Refseq	NM_001113471
Protein Refseq	NP_001106942
UniProt ID	Q8CGN5

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