

Recombinant Mouse Plin1 Protein, His-tagged

Cat. No. Plin1-1188M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Plin1 Protein (Met1-Ala210) with His tag was expressed in 293F.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Ala210
Description	Acts upstream of or within cellular response to cold and lipid catabolic process. Located in cytosol and lipid droplet. Is expressed in blood vessel and connective tissue. Human ortholog(s) of this gene implicated in familial partial lipodystrophy type 4 and obesity. Orthologous to human PLIN1 (perilipin 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.0 kDa; Accurate Molecular Mass: \
Purity	> 80%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

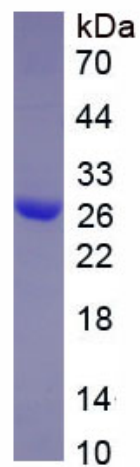
GENE INFORMATION

Gene Name	Plin1 perilipin 1 [Mus musculus (house mouse)]
Official Symbol	Plin1
Synonyms	PLIN1; perilipin 1; perilipin-1; perilipin A; perilipin B; lipid droplet-associated protein; Peri; Plin; 6030432J05Rik;
Gene ID	103968
mRNA Refseq	NM_001113471
Protein Refseq	NP_001106942
UniProt ID	Q8CGN5

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