

Recombinant Mouse Plin4 Protein, His-tagged

Cat. No. Plin4-1949M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Plin4 Protein (Ala1083-Ala1205+GSLRVRAPSTLC) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ala1083-Ala1205+GSLRVRAPSTLC
Description	Located in plasma membrane. Is expressed in several structures, including adipose tissue; alimentary system; genitourinary system; immune system; and nervous system. Orthologous to human PLIN4 (perilipin 4).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 17.7 kDa Accurate Molecular Mass: 17/36 kDa
Purity	> 97%
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

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less than 5% within the expiration date under appropriate storage condition.

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

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

Plin4 perilipin 4 [*Mus musculus* (house mouse)]

Official Symbol

Plin4

Synonyms

PLIN4; perilipin 4; perilipin-4; adipocyte protein S3-12; plasma membrane associated protein, S3-12; S3-12; mKIAA1881;

Gene ID

57435

mRNA Refseq

NM_020568

Protein Refseq

NP_065593

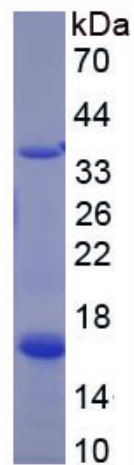
UniProt ID

O88492

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