

Recombinant Perilipin 4 (PLIN4) Instruction Manual

SIPE023Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	33.6kDa
Accurate Molecular Mass	34kDa(Analysis of differences refer to the manual)
Residues & Tags	Leu349~Gly656 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	9.5
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

LT
GTKNTVCSGV TGAVNLAKEA IQGGLDTTKS MVMGKDTMS TGLTGAANVA
KGAMQTGLNT TQNIATGTKD TVCSGVTGAM NLARGTIQTG VDTTKIVLTG
TKD TVCSGVT GAANVAKGAV QGGLDTTKSV LTGKDAVST GLTGAVNNAK
GTVQTGVDTT KTVLTGKDT VCSGVTSAVN VAKGAVQGGL DTTKSVVIGT
KDTMSTGLTG AANVAKGAVQ TGVDTAKTVL TGTKDVTG LVGAVNNAK
TVQTMGDTTK TVLTGKDTI YSGVTSAVNV AKGAVQTGLK TTQNIATGTK
NTFGSG

USAGE

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

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°C 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.

Image

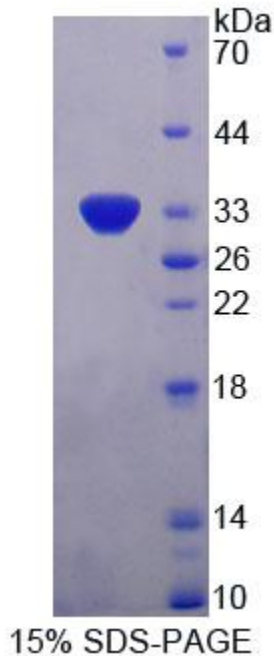


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.