

Recombinant Adiponectin (ADPN) Instruction Manual

SIPA445Ca01

Canis familiaris; Canine (Dog)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	54.5kDa
Accurate Molecular Mass	55kDa(Analysis of differences refer to the manual)
Residues & Tags	Gln18~Asn244 with N-terminal His and GST Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	5.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

```
QDS V A E G P G V L L P L P K G A C P G W M A G I P G H P G H N  
G T P G R D G R D G T P G E K G E K G D A G L V G P K G D T G E T G V T G V E G P R G F P G T P C R  
K G E P G E S A Y V H R S A F S V G L E S R I T V P N V P I R F T K I F Y N L Q N H Y D G T T G K F  
H C N I P G L Y Y F S Y H I T V Y L K D V K V S L Y K K D K A M L F T Y D Q Y Q E K N V D Q A S G S  
V L L H L E V G D Q V W L Q V Y G D G D S Y G I Y A D N V N D S T F T G F L L Y H D T N
```

USAGE

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

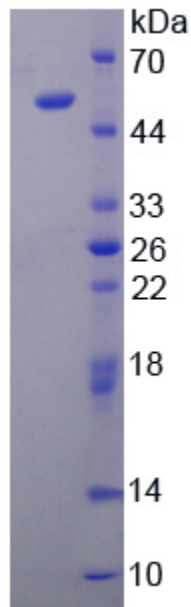
STORAGE

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



15% SDS-PAGE

SDS-PAGE Image

[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.