

Recombinant Visfatin (VF) Instruction Manual

SIPA253Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Nucleus, Secreted
Predicted Molecular Mass	59.2kDa
Accurate Molecular Mass	59kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~His491 with N-terminal His 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	> 97%
Isoelectric Point	6.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

```
MNPAAEAEFN ILLATDSYKV THYKQYPPNT SKVYSYFECR EKKTENSCLR  
KVKEYEETVYF GLQYILNKYL KGKVVTKKEI QEAKDVYKEH FQDDVFNEKG  
WNYILEKYDG HLPYIEIKAVP EGFVIPRGNV LFTVENTDPE CYWLTNWIET  
ILVQSWYPIT VATNSREQKK ILAKYLLETS GNLDGLETKL HDFGYRQVSS  
QETAGIGASA HLVNFKGTDI VAGLALIKKY YGKDPVPGY SVPAAEHSTI  
TAWGKDHEKD AFEHIVTQFS SVPVSVVSDS YDIYNACEKI WGEDLRHLIV  
SRSTQAPLII RPDGSGNPLDT VLKVLLEILGK KFPVTENSKG YKLLPPYLRV  
IQGDGVDINT LQEIVEGMKQ KMWSIENIAF GSGGGLLQKL TRDLLNCSFK  
CSYVVTNGLG INVFKDPVAD PNKRSKKGRSLHRTAGNF VTLEEGKGD  
EEYGQDLLHT VFKNGKVTKS YSFDEIRKNA QLNIELEAAH H
```

USAGE

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

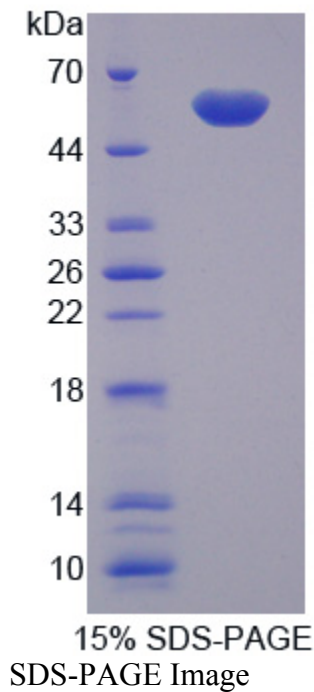
STORAGE

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



[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.