

# Recombinant Visfatin (VF) Instruction Manual

## SIPA253Ra01

### *Rattus norvegicus* (Rat)

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Nucleus, Secreted, Cytoplasm
<b>Predicted Molecular Mass</b>	56.7kDa
<b>Accurate Molecular Mass</b>	56kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Met1~His491 with N-terminal His Tag
<b>Buffer Formulation</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 95%
<b>Isoelectric Point</b>	6.7
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

### SEQUENCE

```
MNAAAEAEFN ILLATDSYKV THYKQYPPNT SKVYSYFECR EKKTENSKVR  
KVKEYEETVY GLQYILNKYL KGKVVTKKEI QEAKEVYREH FQDDVFNERG  
WNYILEKYDG HLPYIEVKAVP EGSVIPRGNV LFTVENTDPE CYWLTNWIET  
ILVQSWYPIT VATNSREQKK ILAKYLLETS GNLDGLEYKL HDFGYRGVSS  
QETAGIGASA HLVNFKGTDV VAGIALIKKY YGTKDPVPGY SVPAAEHSTI  
TAWGKDHEKD AFEHIVTQFS SVPVSVVSDS YDIYNACEKI WGEDLRHLIV  
SRSTEAPLII RPDSGNPLDT VLKVLIDILGK KFPVSENSKG YKLLPPYLRV  
IQGDGVDINT LQEIVEGMKQ KKWSIENVSF GSGGALLQKL TRDLLNCSFK  
CSYVVTNGLG VNVFKDPVAD PNKRSKKGRV SLHRTPAGTF VTLEEGKGDV  
EEYGHDLHT VFKNGKVTKS YSFDEVRKNA QLNMEQDVAP H
```

### USAGE

Reconstitute in 10mM PBS (pH7.4) 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

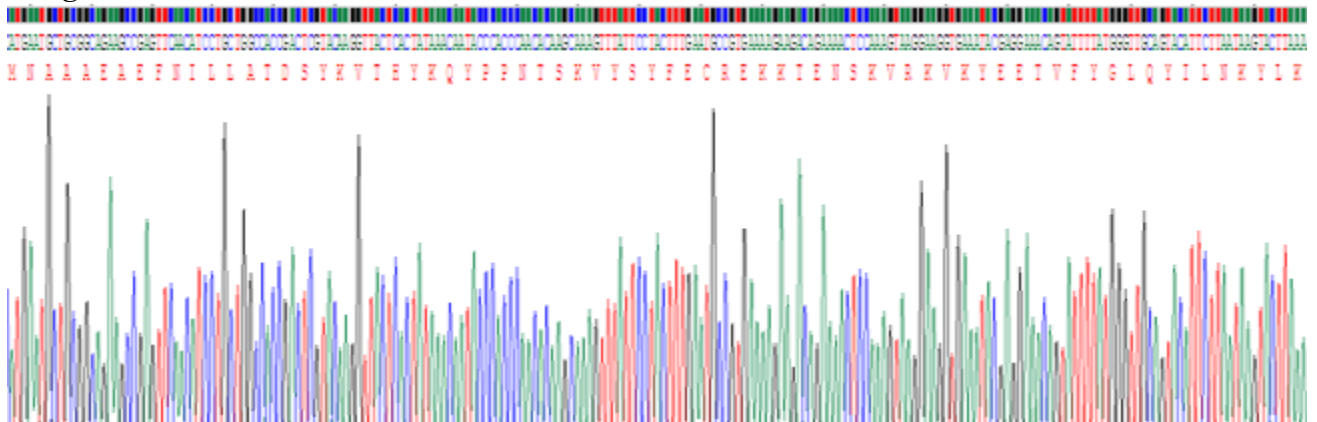


Figure. SDS-PAGE

## **[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.