

# Recombinant Vitronectin (VTN) Instruction Manual

**SIPB024Hu03**

**Homo sapiens (Human)**

<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>	Secreted
<b>Predicted Molecular Mass</b>	55.0kDa
<b>Accurate Molecular Mass</b>	70kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Ala19~Tyr468 with N-terminal His Tag
<b>Buffer Formulation</b>	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 90%
<b>Isoelectric Point</b>	5.3
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

```
AD QESCKGRCTE GFNVDKKCQC DELCSYYQSC  
CTDYTAECKP QVTRGDVFTM PEDEYTVYDD GEEKNNATVH EQVGGPSLTS  
DLQAQSKGNP EQTPVLKPEE EAPAPEVGAS KPEGIDSRPE TLHPGRPQPP  
AEEELCSGKP FDAFTDLKNG SLFAFRGQYC YELDEKAVRP GYPKLIRDVW  
GIEGPIDAAF TRINCQGKTY LFKGSQYWRP EDGVLDPDYP RNISDGFDDI  
PDNVDAALAL PAHSYSGRER VYFFKGGKQYW EYQFQHQPSSQ EECEGSSLSA  
VFEHFAMMQR DSWEDIFELL FWGRTSAGTR QPQFISRDPWH GVPQQVDAAM  
AGRIYISGMA PRPSLAKKQR FRHRNRKGYR SQRGHSRGRN QNSRRPSRAT  
WLSLFSSEES NLGANNYYDDY RMDWLVPATC EPIQSVFFFS GDKYYRVNLR  
TRRVDTVDPP YPRSIAQY
```

## USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

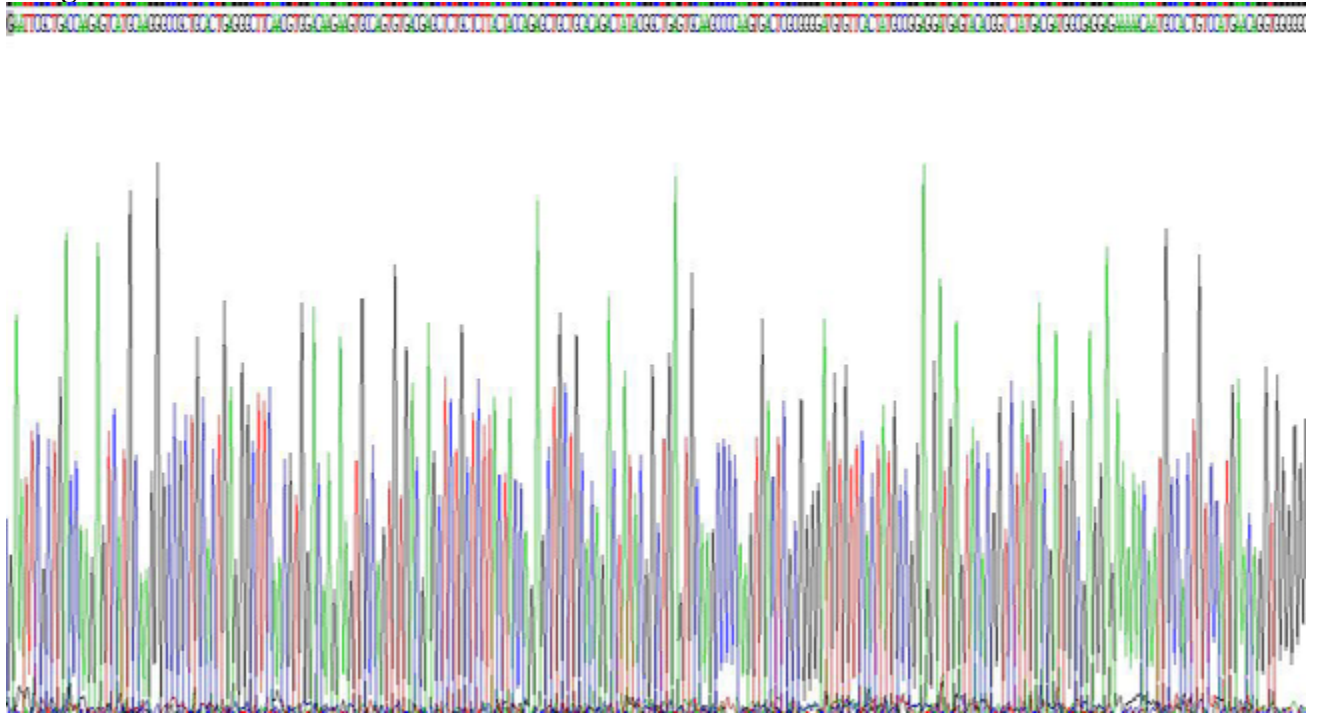
## STORAGE

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**



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.