# Recombinant Tubulointerstitial Nephritis Antigen Like Protein 1 (TINAGL1) Instruction Manual

# SIPG518Hu01

## Homo sapiens (Human)

**Source** Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular LocationSecretedPredicted Molecular Mass47.3kDa

Accurate Molecular Mass 47kDa(Analysis of differences refer to the manual)

**Residues & Tags** Val81~His467 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 6.6

**Applications** Positive Control; Immunogen; SDS-PAGE; WB.

# **SEQUENCE**

VSDCCPDFWD FCLGVPPPFP
PIQGCMHGGR IYPVLGTYWD NCNRCTCQEN RQWQCDQEPC LVDPDMIKAI
NQGNYGWQAG NHSAFWGMTL DEGIRYRLGT IRPSSSVMNM HEIYTVLNPG
EVLPTAFEAS EKWPNLIHEP LDQGNCAGSW AFSTAAVASD RVSIHSLGHM
TPVLSPQNLL SCDTHQQQGC RGGRLDGAWW FLRRRGVVSD HCYPFSGRER
DEAGPAPPCM MHSRAMGRGK RQATAHCPNS YVNNNDIYQV TPVYRLGSND
KEIMKELMEN GPVQALMEVH EDFFLYKGGI YSHTPVSLGR PERYRRHGTH
SVKITGWGEE TLPDGRTLKY WTAANSWGPA WGERGHFRIV RGVNECDIES
FVLGVWGRVG MEDMGHH

#### 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**

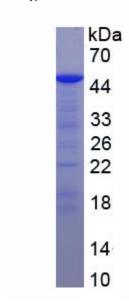


Figure. SDS-PAGE

## [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.