

# Recombinant Nucleoporin 62 (NUP62) Instruction Manual

## SIPC611Ra01

### *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, Cytoplasm
<b>Predicted Molecular Mass</b>	56.7kDa
<b>Accurate Molecular Mass</b>	59kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Ser2~Asp525 with N-terminal His Tag
<b>Buffer Formulation</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 90%
<b>Isoelectric Point</b>	5.0
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

### SEQUENCE

```
SGFNFGGTG APAGGFTFGT AKTATTTTTPAT GFSFSASGTG TGGFNFGTSPS
QPAATTPSTS LFSLATQTST TQTPGFNFGT TPASGGTGFS LGISTPKLSL
SSTAATPATA NTGSFGLGSS TLTNAISGAS TSSQGTAPTG FVFGSSTTSA
PSTGTTGFSF TSGSASQPGA SGFNIGSVGS LAQPTALSGS PFTPATLATT
TAGATQPAAA TPTAATTSAG STLFASIAAA PASSSTTVLS LSAPATTAAT
PTAGTLGFSL KAPGAAPGAS TTSTTTTTTT TTTTASTSSS TTTTGFALS
KPLVPAGPSS VAATALPASS TAVGTTTGPA MTYAQLES LI NKWSLELEDQ
ERHFLQQATQ VNAWDRTLIE NGEKITSLHR EVEKVKLDQK RLDQELDFIL
SQQKELEDLL SPLEESVKEQ SGTIYLQHAD EEREKTYKLA ENIDAQLKRM
AQDLKDIIEH LNMAGGPADT SDPLQQICKI LNAHMDSLQW VDQSSALLQR
RVEEASRVCE SRRKEQERSL RIAFD
```

### 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.