

Recombinant Nucleoporin 62 (NUP62) Instruction Manual

SIPC611Ra01

Rattus norvegicus (Rat)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Nucleus, Cytoplasm
Predicted Molecular Mass	56.7kDa
Accurate Molecular Mass	59kDa(Analysis of differences refer to the manual)
Residues & Tags	Ser2~Asp525 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	> 90%
Isoelectric Point	5.0
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

SGFNFGGTG APAGGFTFGT AKTATTTPAT GFSFSASGTG TGGFNFGTPS
QPAATTSTS LFLSATQTST TQTPGFNGT TPASGGTGFS LGISTPKLSL
SSTAATPATA NTGSFGLGSS TLTNAISGAS TSSQGTAPTG FVFGSSTTSA
PSTGTTGFSF TSGSASQPGA SGFNIGSVGS LAQPTALSGS PFTPATLATT
TAGATQPAAA TPTAATTSAG STLFASIAAA PASSSTTVLS LSAPATTAAT
PTAGTLGFSL KAPGAAPGAS TTSTTTTTT TTTTASTSSS TTTTGFALSL
KPLVPAGPSS VAATALPASS TAVGTTTGP A MTYAQLES LI NKWSLELEDQ
ERHFLQQATQ VNAWDRTLIE NGEKITSLHR EVEVKLDQK RLDQELED FIL
SQKELEDLL SPLEESVKEQ SGTIYLQHAD EEREKTYKLA ENIDAQLKRM
AQDLKDIIIEH LNMAAGGPADT 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

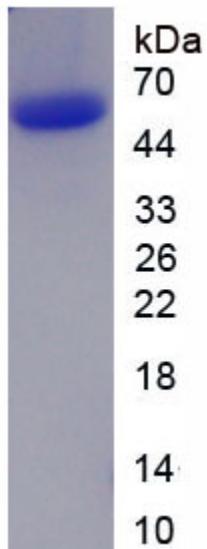


Figure. SDS-PAGE

[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.