

RPK115Mu01 100µg

Recombinant NLR Family, Pyrin Domain Containing Protein 3 (NLRP3)

Organism Species: *Mus musculus* (Mouse)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Cys671~Trp1033

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.

Original Concentration: 200µg/mL

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

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 6.1

Predicted Molecular Mass: 43.9KDa

Accurate Molecular Mass: 44kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.2 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: 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.

[SEQUENCE]

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                CHRVKTLSLG FFHNSPKEEE EERRGGRPLD
VQQCVPDTH VACSSRLVNC CLTSSFCRGL FSSLSTNRSL TELDLSNTL
GDPGMRVLCE ALQHPGCNIQ RLWLGRCGLS HQCCFDISSV LSSSQKLVEL
DLSDNALGDF GIRLLCVGLK HLLCNLQKLW LVSCCLTSAC CQDLALVLSS
NHSLTRLYIG ENALGDSGVQ VLCEKMKDPQ CNLQKLGLVN SGLTSICCSA
LTSVLKTNQN FTHLYLRSNA LGDTGLRLLC EGLLHPDCKL QMLELDNCSL
TSHSCWNLST ILTHNHSLRK LNLGNNDLGD LCVVTLCEVL KQQGCLLQSL
QLGEMYLNRE TKRALEALQE EKPELTIVFE ISW
    
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[IDENTIFICATION]

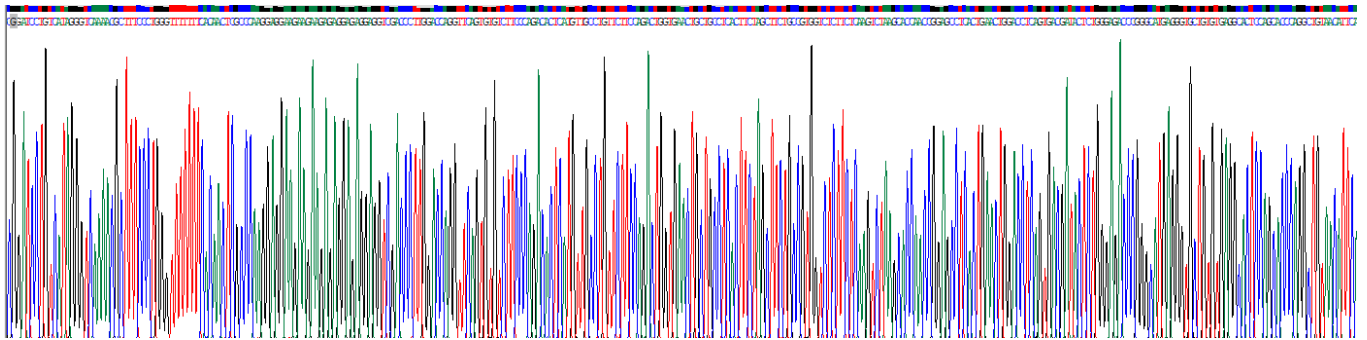


Figure . Gene Sequencing (extract)

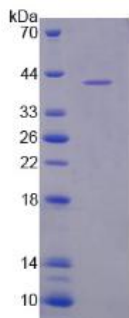


Figure. SDS-PAGE

[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.