

RPK115Mu02 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

12th Edition (Revised in Aug, 2016)

Coud-Clone Corp.

[PROPERTIES]

Source: Prokaryotic expression

Host: E.coli

Residues: Cys671~Trp1033

Tags: N-terminal His and GST Tag

Subcellular Location: Secreted

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 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: 70.2kDa

Accurate Molecular Mass: 72kDa as determined by SDS-PAGE reducing conditions.

[<u>USAGE</u>]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 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]

Contend Clone Corp.

CHRVKTLSLG FFHNSPKEEE EERRGGRPLD QVQCVFPDTH VACSSRLVNC CLTSSFCRGL FSSLSTNRSL TELDLSDNTL 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

[IDENTIFICATION]

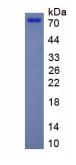


Figure. SDS-PAGE

[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.