

RPK115Mu01 10µg

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: > 95%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

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: 42kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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]

		CHRVKTLSLG	FFHNSPKEEE	EERRGGRPLD
QVQCVFPDTH	VACSSRLVNC	CLTSSFCRGL	FSSLSTNRSL	TELDLSDNTL
GDPGMRVLCE	ALQHPGCNIQ	RLWLGRGCLS	HQCCFDISSV	LSSSQKLVEL
DLSDNALGDF	GIRLLCVGLK	HLLCNLQKLW	LVSCCLTSAC	CQDLALVLSS
NHSLTRLYIG	ENALGDSGVQ	VLCEKMKDPQ	CNLQKLGLVN	SGLTSICCSA
LTSVLKTNQN	FTHLYLRSNA	LGDTGLRLLC	EGLLHPDCKL	QMLELDNCSL
TSHSCWNLST	ILTHNHSLRK	LNLGNNDLGD	LCVVTLCCEVL	KQQGCLLQSL
QLGEMYLNRE	TKRALEALQE	EKPELTIVFE	ISW	

[IDENTIFICATION]

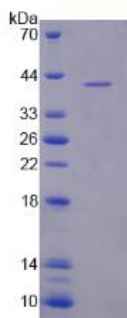


Figure. SDS-PAGE

[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.