

RPB622Mu01 50µg

Recombinant Surfactant Protein B (SP-B)

Organism Species: *Mus musculus* (Mouse)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[**PROPERTIES**]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Gly20~Pro193

Tags: N-terminal His Tag

Subcellular Location: Secreted, Extracellular matrix

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 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: 5.8

Predicted Molecular Mass: 20.4kDa

Accurate Molecular Mass: 20kDa as determined by SDS-PAGE reducing conditions.

[**USAGE**]

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.

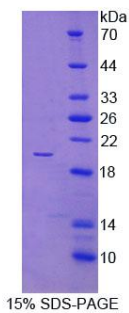
Aliquot and store at -80°C for 12 months.

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**]

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G A A I T S A S S L E C A Q G P Q F W C Q S L E H A V Q C R A
L G H C L Q E V W G H A G A N D L C Q E C E D I V H L L T K M T K E D A F Q E A I R K F L E Q E C D
I L P L K L L V P R C R Q V L D V Y L P L V I D Y F Q S Q I N P K A I C N H V G L C P R G Q A K P E
Q N P G M P D A V P N P L L D K L V L P V L P G A L L A R P G P H T Q D F S E Q Q L P
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[IDENTIFICATION]



[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.