

RPB823Mu01 10µg
Recombinant Complement Component 9 (C9)
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: Pro136~Arg512

Tags: N-terminal His Tag

Subcellular Location: Membrane, Secreted

Purity: > 80%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.

Original Concentration: 100µg/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: 8.7

Predicted Molecular Mass: 46.6kDa

Accurate Molecular Mass: 47kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O 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]

```

PRTPC RDRVAESEL
GLTAGYGINI LGMEPLRTPF DNEFYNGLCD RVRDEKTYR KPWNVSLIY
ETKADKSFRT ENYDEHLEVF KAINREKTSN FNADFALKFS ATEVPEKGAG
EVSPAEHSSK PTNISAKFKF SYFMGKNFRR LSSYFSQSKK MFVHLRGVVQ
LGRFVMRNRD VVLRSTFLDD VKALPTSIEK GEYFGFLETY GTHYSTGSL
GGQYEIVYVL DKASMKEKGV DLNDVKHCLG FNMDLRIPLQ DDLKASVTA
SVNADGCIKT DNGKTVNITR DNIIDVISF IRGGTREQAI LLKEKILRGD
KTFDKTDFAN WASSLANAPA LISQRMSPYI NLIPLKIKDA YIKKQNLKA
VEDYIDEFST KR
    
```

[IDENTIFICATION]

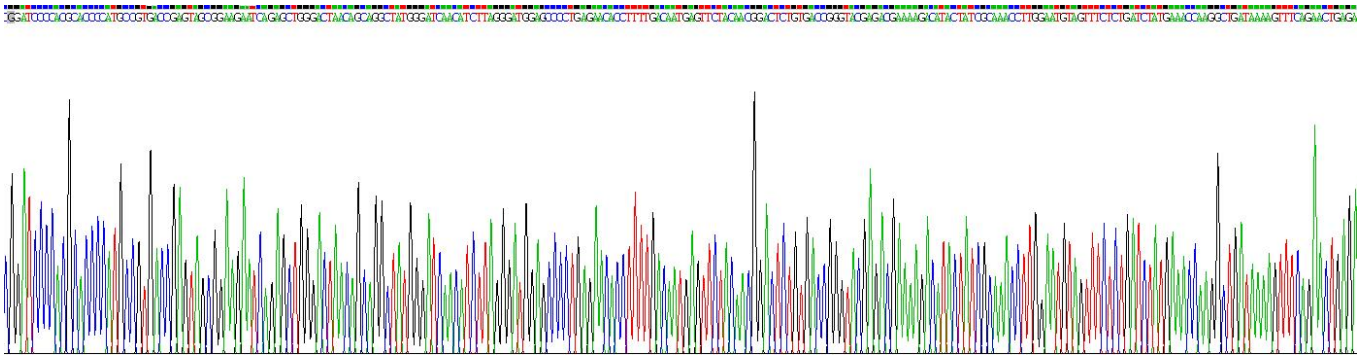


Figure . Gene Sequencing (extract)

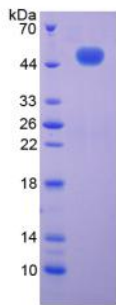


Figure. SDS-PAGE

[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.