

RPB305Mu01 100µg

**Recombinant Complement C4-B (C4B)** 

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: Gln126~Ser366

Tags: N-terminal His Tag

Subcellular Location: Secreted

**Purity:** > 97%

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: 31.2kDa

**Accurate Molecular Mass:** 31kDa as determined by SDS-PAGE reducing conditions.

#### [USAGE]

Reconstitute in ddH<sub>2</sub>O 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 ]

```
QGVNL LFSSRRGHIF VQTDQPIYNP
GQRVRYRVFA LDQKMRPSTD FLTITVENSH GLRVLKKEIF TSTSIFQDAF
TIPDISEPGT WKISARFSDG LESNRSTHFE VKKYVLPNFE VKITPWKPYI
LMVPSNSDEI QLDIQARYIY GKPVQGVAYT RFALMDEQGK RTFLRGLETQ
AKLVEGRTHI SISKDQFQAA LDKINIGVRD LEGLRLYAAT AVIESPGGEM
EEAELTSWRF VSSAFS
```

## [ IDENTIFICATION ]

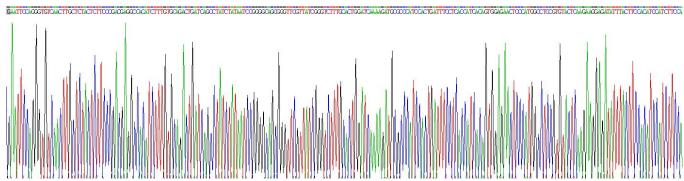


Figure . Gene Sequencing (extract)

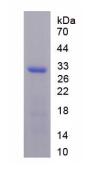


Figure. SDS-PAGE

### [ 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.