

**RPB823Rb01 100µg**

**Recombinant Complement Component 9 (C9)**

**Organism Species: *Oryctolagus cuniculus* (Rabbit)**

***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:** Pro139~Lys519

**Tags:** N-terminal His Tag

**Subcellular Location:** Membrane, Secreted

**Purity:** > 80%

**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:** 8.7

**Predicted Molecular Mass:** 46.9kDa

**Accurate Molecular Mass:** 47kDa 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.

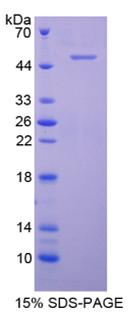
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**[ SEQUENCE ]**

```

                                PR LTCRNREVQE
SELARTAGYG INILGMDPLA TPFNEYYHG LCDRVWDGNT LTHYRKPWNV
AVLAYETKID KNFRTEYYEE QMQAFKSIIE EETSNFNANL ALKFTPTEAK
ASKAEEASPK NKSLDDNDKG FSSKFQFSYS KNETYQLFLS YSSQKEKMFL
LVKGIIQLGR FVMKNRGVML TNTFLDDIKS LPTTYEKGEY FAFLETYGTH
YSSGSLGGR YELIYVLDKA SMKEKGIELN DIKKCLGFDL DLSLNIPGKS
AGLSLTGQAN KNNCLKSGHG NAVNITRANL IDDVISLIRG GTQKFAFELK
EKLLTKAKMV DVTDFINWAS SLSDAPVLIN QKLSPIYNLI PVKIKDAHQK
RQNLERGIED YINEFSTKK
    
```

**[ 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.