

**RPB823Mu01 50µg**  
**Recombinant Complement Component 9 (C9)**  
**Organism Species: *Mus musculus* (Mouse)**  
***Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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12th Edition (Revised in Aug, 2016)

## [ **PROPERTIES** ]

**Source:** Prokaryotic expression.

**Host:** *E. coli*

**Residues:** Pro136~Arg512

**Tags:** N-terminal His-Tag

**Tissue Specificity:** Blood, Liver.

**Subcellular Location:** Secreted. Cell membrane; Multi-pass membrane protein.

**Purity:** >80%

**Traits:** Freeze-dried powder

**Buffer formulation:** 100mM NaHCO<sub>3</sub>, 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

**Original Concentration:** 200ug/mL

**Applications:** SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.

(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 100mM NaHCO<sub>3</sub>, 500mM NaCl (pH8.3) 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	RDRVAEESEL
GLTAGYGINI	LGMEPLRTPF	DNEFYNGLCD	RVRDEKTYR	KPWNVVSLIY
ETKADKSFRT	ENYDEHLEVF	KAINREKTSN	FNADFALKFS	ATEVPEKGAG
EVSPAEHSSK	PTNISAKFKF	SYFMGKNFRR	LSSYFSQSKK	MFVHLRGVVQ
LGRFVMRNRD	VVLRSTFLDD	VKALPTSIEK	GEYFGFLETY	GTHYSTSGSL
GGQYEIVYVL	DKASMKEKGV	DLNDVKHCLG	FNMDLRIPLQ	DDLKDasVTA
SVNADGCIKT	DNGKTVNITR	DNIIDDVISF	IRGGTREQAI	LLKEKILRGD
KTFDKTDFAN	WASSLANAPA	LISQRMSPYI	NLIPLKIKDA	YIKKQNLEKA
VEDYIDFST	KR			

## [ IDENTIFICATION ]

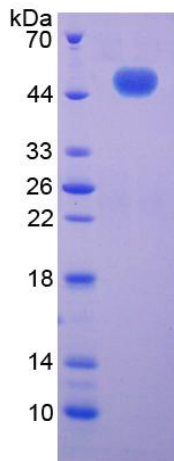


Figure 1. SDS-PAGE