

**RPA867Mu01 50µg**  
**Recombinant Phospholipase A2, Lipoprotein Associated (LpPLA2)**  
**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:** Phe22~Asn440

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

**Tissue Specificity:** Blood.

**Subcellular Location:** Secreted, extracellular space.

**Purity:** >95%

**Traits:** Freeze-dried powder

**Buffer formulation:** PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl 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:** 6.6

**Predicted Molecular Mass:** 48.1kDa

**Accurate Molecular Mass:** 48kDa as determined by SDS-PAGE reducing conditions.

## [ **USAGE** ]

Reconstitute in 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.

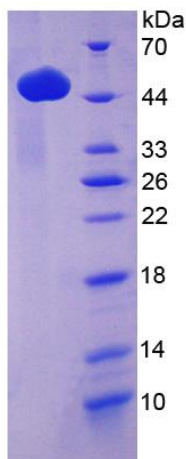
Aliquot and store at -80°C for 12 months.

**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 ]**

		FHWQDTSSF	DFRPSVMFHK	LQSVMSAAGS
GHSKIPKNGG	SYVVGCTDLM	FGYGNESV FV	RLYYPAQDQG	RLDTVWIPNK
EYFLGLSIFL	GTPSIVGNIL	HLLYGSLTTP	ASWNSPLRTG	EKYPLIVFSH
GLGAFRTIYS	AIGIGLASNG	FIVATVEHRD	RSASATYFFE	DQVAAKVENR
SWLYLRKVKQ	EESESVRKEQ	VQQR AIECSR	ALSAILDIEH	GDPKENVLGS
AFDMKQLKDA	IDETKIALMG	HSFGGATVLQ	ALSEDQRFRC	GVALDPWMYP
VNEELYSRTL	QPLLFINS AK	FQTPKDI AKM	KKFYQPDKER	KMITIKGSVH
QNFDDFTFVT	GKIIIGNKLT L	KGEIDSRVAI	DLTNKASMAF	LQKHLGLQKD
FDQWDPLVEG	DDENLIPGSP	FDAVTQVPAQ	QHSPGSQTQN	

**[ IDENTIFICATION ]**



**Figure 1. SDS-PAGE**