

# Recombinant Annexin A2 (ANXA2)

## Instruction Manual

### SIPB282Mu01

#### Mus musculus (Mouse)

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Secreted, Extracellular matrix
<b>Predicted Molecular Mass</b>	40.4kDa
<b>Accurate Molecular Mass</b>	42kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Met1~Asp339 with N-terminal His Tag
<b>Buffer Formulation</b>	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 97%
<b>Isoelectric Point</b>	7.8
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

#### SEQUENCE

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MSTVHEILCK LSLEGDHSTP PSAYGSVKPY TNFDAERDAL NIETAVKTKG  
VDEVTIVNIL TNRSNVQRQD IAFAYQRRTK KELPSALKSA LSGHLETVIL  
GLLKTPAQYD ASELKASMKG LGTDEDSLIE IICSRNQEL QEINRVYKEM  
YKTDLEKDII SDTSGDFRKL MVALAKGRRR EDGSVIDYEL IDQDARELYD  
AGVKRKGTDV PKWISIMTER SVCHLQKVFE RYKSYSPYDM LESIKKEVKG  
DLENAFLNLV QCIQNKPLYF ADRLYDSMKG KGTRDKVLIR IMVSRSEVDM  
LKIRSEFKRK YGKSLYYYIQ QDTKGDYQKA LLYLCGGDD
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#### USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.  
Do not vortex.

#### STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

## **STABILITY**

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.

## **Image**



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.