Recombinant Annexin A2 (ANXA2) Instruction Manual

SIPB282Mu01

Mus musculus (Mouse)

Source Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular Location Secreted, Extracellular matrix

Predicted Molecular Mass 40.4kDa

Accurate Molecular Mass 42kDa(Analysis of differences refer to the manual)

Residues & Tags Met1~Asp339 with N-terminal His Tag

20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL,

5% Trehalose.

Traits Freeze-dried powder

Purity > 97% Isoelectric Point 7.8

Applications Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

Buffer Formulation

MSTVHEILCK LSLEGDHSTP PSAYGSVKPY TNFDAERDAL NIETAVKTKG
VDEVTIVNIL TNRSNVQRQD IAFAYQRRTK KELPSALKSA LSGHLETVIL
GLLKTPAQYD ASELKASMKG LGTDEDSLIE IICSRTNQEL QEINRVYKEM
YKTDLEKDII SDTSGDFRKL MVALAKGRRA EDGSVIDYEL IDQDARELYD
AGVKRKGTDV PKWISIMTER SVCHLQKVFE RYKSYSPYDM LESIKKEVKG
DLENAFLNLV QCIQNKPLYF ADRLYDSMKG KGTRDKVLIR IMVSRSEVDM

LKIRSEFKRK YGKSLYYYIQ QDTKGDYQKA LLYLCGGDD

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

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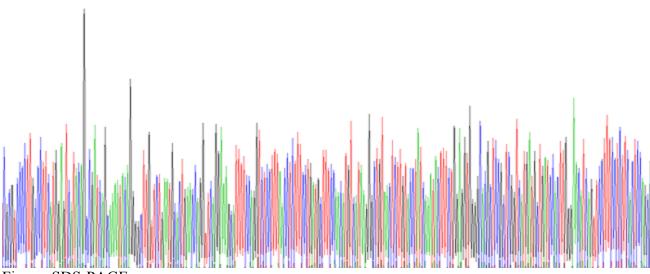


Figure. SDS-PAGE

[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.