

RPC321Mu01 10µg

Recombinant Asporin (ASPN)

Organism Species: Mus musculus (Mouse)

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: Lys16~Lys373

Tags: N-terminal His and GST Tag

Subcellular Location: Secreted, Extracellular matrix

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 50µg/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: 8.9

Predicted Molecular Mass: 70.9kDa

Accurate Molecular Mass: 71kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.25 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]

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KPFFS PSHTALKNMM LKDMEDTDDD DNDDDDNSLF
PTKEPVNPFF PFDLFPTCPF GCQCYSRVVH CSDLGLTSVP NNIPFDTRMV
DLQNNKIKEI KENDFKGLTS LYALILNNNK LTKIHPKTFL TTKKLRRLYL
SHNQLSEIPL NLPKSLAELR IHDNKVKKIQ KDTFKGMNAL HVLEMSANPL
ENNGIEPGAF EGVTVFHIRI AEAKLTSIPK GLPPTLLELH LDFNKISTVE
LEDLKRYREL QRLGLGNNRI TDIENGTFAN IPRVREIHLE HNKLKKIPSG
LQELKYLQII FLHYNSIAKV GVNDFCPTVP KMKKSLYSAI SLFNNPMKYW
EIQPATFRCV LGRMSVQLGN VGK
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[IDENTIFICATION]

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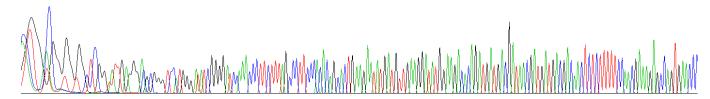


Figure . Gene Sequencing (extract)

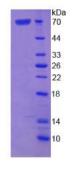


Figure. SDS-PAGE

[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.