

RPC321Mu01 200µg

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: > 90%

Traits: Freeze-dried powder

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

Original Concentration: 150µg/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 10mM 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]

	KPFFS	PSHTALKNMM	LKDMEDTDD	DNDDDDNSLF
PTKEPVNPFF	PFDLFPTCPF	GCQCYSRVVH	CSDLGLTSVP	NNIPFDTRMV
DLQNNKIKEI	KENDFKGLTS	LYALILNNNK	LTKIHPKTF	TTKKLRLRYL
SHNQLSEIPL	NLPKSLAELR	IHDNKVKKIQ	KDTFKGMNAL	HVLEMSANPL
ENNGIEPGAF	EGVTVFHIRI	AEAKLTSIPK	GLPPTLLELH	LDNFNKISTVE
LEDLKRYREL	QRLGLGNNRI	TDIENGTFAN	IPRVREIHLE	HNKLKKIPSG
LQELKYLQII	FLHYSIAKV	GVNDFCPTVP	KMKKSLYSAI	SLFNNPMKYW
EIQPATFRCV	LGRMSVQLGN	VGK		

[IDENTIFICATION]

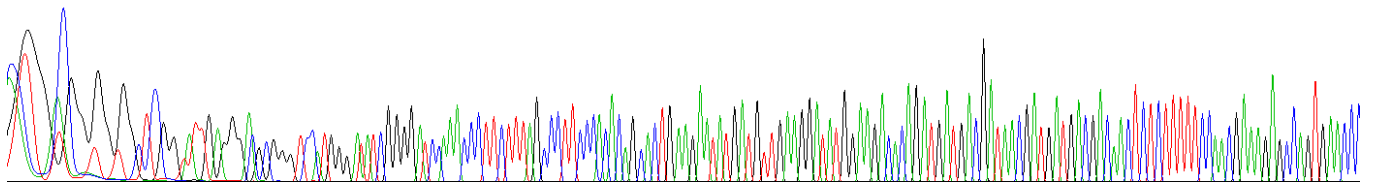


Figure . Gene Sequencing (extract)

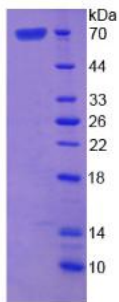


Figure. SDS-PAGE

[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.