

# Recombinant Asporin (ASPN) Instruction Manual

## SIPC301Mu01

### 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>	70.9kDa
<b>Accurate Molecular Mass</b>	71kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Lys16~Lys373 with N-terminal His and GST Tag
<b>Buffer Formulation</b>	100mMNaHCO <sub>3</sub> , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 95%
<b>Isoelectric Point</b>	8.8
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

### SEQUENCE

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          KPFFS PSHTALKNMM LKDMEDTDDD DNDDDDNSLF  
PTKEPVNPFF PFDLFPTCPF GCQCYSRVVH CSDLGLTSVP NNIPFDTRMV  
DLQNNKIKEI KENDFKGLTS LYALILNHNK LTKIHPKTFLL TTKKLRRLLYL  
SHNQLSEIPL NLPKSLAELR IHDNKVKKIQ KDTFKGMNAL HVLEMSANPL  
ENNGIEPGAF EGVTVFHIRI AEAKLTSIPK GLPPTLLELH LDFNKISTVE  
LEDLKRYREL QRLGLGNNRI TDIENGTGAN IPRVREIHLE HNKLKKIPSG  
LQELKYLQII FLHYSIAKV GVNDFCPTVP KMKKSLYSAL SLFNPMKYW  
EIQPATFRCV LGRMSVQLGN VGK
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### USAGE

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-1.0 mg/mL. Do not vortex.



