

Recombinant Asparagine Synthetase (ASNS) Instruction Manual

SIPD396Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Cytoplasm
Predicted Molecular Mass	43.9kDa
Accurate Molecular Mass	44kDa(Analysis of differences refer to the manual)
Residues & Tags	His213~Ala561 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	5.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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HAIYDSVE KLFPGFDLET VKNNLRILFD NAIKKRLMTD
RRIGCLLSGG LDSSLVAASL LKQLKEAQVQ YPLQTFAIGM EDSPDLLAAR
KVANYIGSEH HEVLFNSEEG IQALDEVIFS LETYDITTVR ASVGMYLISK
YIRKNTDSVV IFSGEGSDEL TQGYIYFHKA PSPEKAEES ERLKELYLF
DVLRADRTTA AHGLELRVPP LDHRFSSYYL SLPPDMRIPK NGIEKHLRE
TFEDCNLLPK EILWRPKEAF SDGITSVKNS WFKILQDYVE HQVDDEMMSA
ASQKFPFNTF KTKEGYFYRQ IFERHYPGRA DWLTHYWMPK WINATDPSAR
TLTHYKSAAK A
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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.

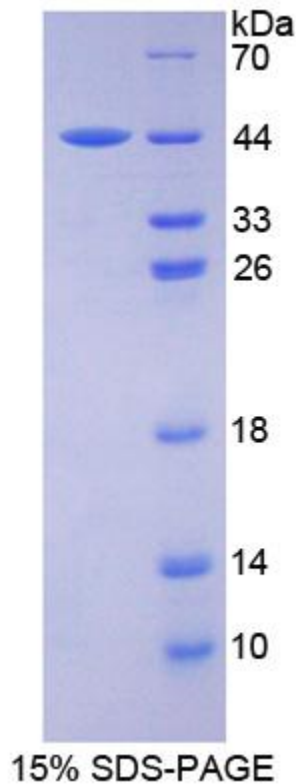
STORAGE

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



SDS-PAGE Image

[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.

