

Recombinant Amino adipate Semialdehyde Synthase (AASS) Instruction Manual

SIPC196Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1 μ g (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	52.8kDa
Accurate Molecular Mass	53kDa(Analysis of differences refer to the manual)
Residues & Tags	Met477~Leu926 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	> 90%
Isoelectric Point	5.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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RDNNIEITLG SDMTNQMQQL SKKYNINPVS LTVGKQEAKL QSLVESQDLV
ISLLPYVLHP VVAKACIESR VNMVTASYIT PAMKELEKSV DDAGITVIGE
LGLDPGLDHM LAMETIDTAK ELGATVESYV SYCGGLPAPE HSDNPLRYKF
SWSPVGVLMN IMQPASYLLN GKVVNVTGGV SFLNSVTPMD YFPGLNLEGY
PNRDSIKYAE IYGISSAHTL LRGTLYRYGY SKALNGFVKL GLINREAYPA
LRPEANPLTW KQLLCDLVGI SRSSPCEKLN EVVFTKLGGD NTQLEAAEWL
GLLGDEQVPQ AESIVDAFSK HLVSKLSYGP EEKDMIVMRD SFGIRHPSGH
LENKTIDLVV YGDFNGFSAM AKTVGLPTAM AAKMLLDGEI EAKGLMGPF
KEIYGPILER IKAEGIVFNT QSTIKL
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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.

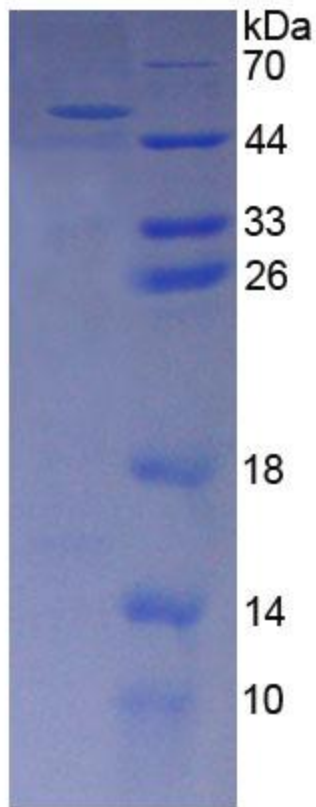
STORAGE

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



15% SDS-PAGE

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.