

# Recombinant Amino adipate Semialdehyde Synthase (AASS) Instruction Manual

## SIPC196Hu01

**Homo sapiens (Human)**

<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
<b>Predicted Molecular Mass</b>	50.7kDa
<b>Accurate Molecular Mass</b>	56kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Val33~Leu455 with N-terminal His Tag
<b>Buffer Formulation</b>	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 90%
<b>Isoelectric Point</b>	5.9
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

```
VNAWERRA PLAPKHIKGI
TNLGYKVLIQ PSNRRAIHDK DYVKAGGILQ EDISEACLIL GVKRPPEEKL
MSRKTYAFFS HTIKAQEANM GLLDEILKQE IRLIDYEKMV DHRGVRVAVF
GQWAGVAGMI NILHGMGLRL LALGHHTPFM HIGMAHNYRN SSQAVQAVRD
AGYEISLGLM PKSIGPLTFV FTGTGNVSKG AQAIFNELPC EYVEPHELKE
VSQTGDLRKV YGTVLSRHHH LVRKTDVAVD PAEYDKHPER YISRFNTDIA
PYTTCLINGI YWEQNTPRLL TRQDAQSLLA PGKFSPAGVE GCPALPHKLV
AICDISADTG GSIEFMTECT TIEHPFCMYD ADQHIIHDSV EGSGILMCSI
DNLPAQLPIE ATECFGDMLY PYVEEMILSD ATQPLESQNF SPVVRDAVIT
SNGTL
```

## USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

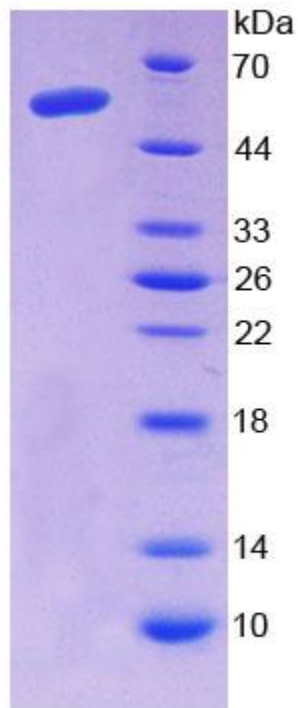
## STORAGE

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

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.