Recombinant Cysteine Sulfinic Acid Decarboxylase (CSAD) Instruction Manual

SIPG787Hu01

Homo sapiens (Human)

Source Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular LocationSecretedPredicted Molecular Mass59.2kDa

Accurate Molecular Mass

Residues & Tags

Glu234~Leu493 with N-terminal His and GST Tag

Buffer Formulation

59kDa(Analysis of differences refer to the manual)

Glu234~Leu493 with N-terminal His and GST Tag

PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Traits Freeze-dried powder

Purity > 95% Isoelectric Point 6.1

Applications Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

EGAVPFL VSATSGTTVL

GAFDPLEAIA DVCQRHGLWL HVDAAWGGSV LLSQTHRHLL DGIQRADSVA WNPHKLLAAG LQCSALLLQD TSNLLKRCHG SQASYLFQQD KFYDVALDTG DKVVQCGRRV DCLKLWLMWK AQGDQGLERR IDQAFVLARY LVEEMKKREG FELVMEPEFV NVCFWFVPPS LRGKQESPDY HERLSKVAPV LKERMVKEGS

MMIGYQPHGT RGNFFRVVVA NSALTCADMD FLLNELERLG QDL

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

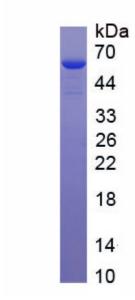


Figure. SDS-PAGE

[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.