

RPG472Mu01 200µg

Recombinant Aminocarboxymuconate Semialdehyde Decarboxylase (ACMSD)

Organism Species: *Mus musculus* (Mouse)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Met1~Glu336

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 80%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.

Original Concentration: 600µg/mL

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

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.9

Predicted Molecular Mass: 41.7kDa

Accurate Molecular Mass: 42kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

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

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: 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.

[SEQUENCE]

MKIDITHIL PKEWPDLEKR FGYGGWVQLQ QQGKGEAKMI KDGKLFRIQ
QNCWDPEVR IREMNQKGVV VQALSTVPVM FSYWAKPKDT LELCQFLNND
LAATVARYP RRFVGLGTLP MQAPELAVEE MERCVKALGF PGIQIGSHIN TW
DLNDPEL FPIYAAAERL NCSLFVHPWD MQMDGRMAKY WLPWLVGMP
ETTMAICSM IMGGVFEEKF KLKVCFAHGG GAFPFTIGRI AHGFNMRPDL
CAQDNPSDP RKYLGsfytd SLVHDPLSLK LLTDVIGKDK VMLGTDYPFP
LGEQEPGKL IESMAEFDEE TKDKLTAGNA LAFLGLERKL FE

[IDENTIFICATION]

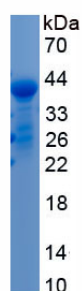


Figure. SDS-PAGE

[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.