RPG460Mu01 50µg

Recombinant Arginine Decarboxylase (ADC)

Organism Species: *Mus musculus (Mouse)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Met1~Val382

Tags: N-terminal His Tag

Subcellular Location: Nucleus

Purity: > 95%

Traits: Freeze-dried powder

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

Original Concentration: 400μg/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: 5.7

Predicted Molecular Mass: 44.9kDa

Accurate Molecular Mass: 45kDa 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 2-8ºC for one month.

Aliquot and store at -80ºC 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]

MAGYLSESDF VMVEEGFSTR DLLEELTLGA SQATSGKVAA FFVADLGAVV RKHFCFLKH LPRVRPFYAV GCNSSLGVLK
VLAELGLGFS CANKAEMELV QHIGVPASK IICANPCKQV AQIKYAAKHG VRLLSFDNEV ELAKVVKSHP SAKMVLCIA
TQDSHSLNHL SLRFGASLKS CRHLLENAKK SHVEVVGVSF HIGSGCPDP QAYAQSIADA RLVFQMGEEL GHTMNILDLG
GGFPGLEGAK VRFEEMASV INSALDLYFP EGCGVDILAE LGRYYVTSAF TVAVSIVAKR EVLDQASRE EQTGAAPKSI
VYYLDEGVYG VFNSVLFDNT CPTPALQKKP SADQPLYSS SLWGPAVEGC DCVAEGLWLP QLQVGDWLV

[IDENTIFICATION]

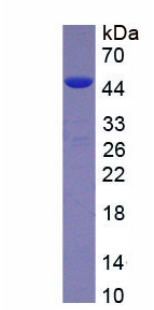

Figure. SDS-PAGE

[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.