

RPA615Mu02 50µg

Recombinant Carboxypeptidase B2 (CPB2)

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: Arg113~Thr422

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: 200µg/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: 8.6

Predicted Molecular Mass: 42.9kDa

Accurate Molecular Mass: 43kDa 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]

RASASYYE QYHSLNEIYS WIEVITEQHP DMLQKIYIGS
 SFEKYPLYVL KVSGKEQRIK NAIWIDCGIH AREWISPAFC LWFIFYVTQF
 HGKENLYTRL LRHVDFYIMP VMNVDGYDYT WKKNRMWKRN RSAHKNNRCV
 GTDLNRNFAS KHWCEKGASS SSCSETYCGL YPESEPEVKA VADFLRRNID
 HIKAYISMHS YSQQILFPYS YNRSKSKDHE ELSLVASEAV RAIESINKNT
 RYTHGSGSES LYLAPGGSDD WIYDLGIKYS FTIELRDTGR YGFLLPERYI
 KPTCAEALAA ISKIVWHVIR NT

[IDENTIFICATION]

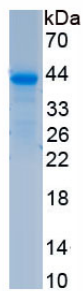


Figure. SDS-PAGE

[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.