

Recombinant Carboxypeptidase B2 (CPB2) Instruction Manual

SIPA665Mu02

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	42.9kDa
Accurate Molecular Mass	43kDa(Analysis of differences refer to the manual)
Residues & Tags	Arg113~Thr422 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	8.6
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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

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

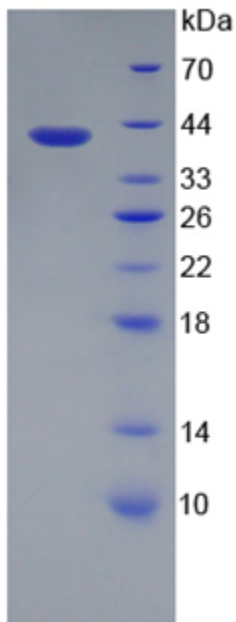


Figure. SDS-PAGE

[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.