

RPA615Hu01 10µg

Recombinant Carboxypeptidase B2 (CPB2)

Organism Species: Homo sapiens (Human)

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: Glu138~Val386

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 97%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 0.01% SKL, 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: 8.7

Predicted Molecular Mass: 32.3kDa

Accurate Molecular Mass: 32kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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]

			ERH	PDMLTKIHIG
SSFEKYPLYV	LKVSGKEQAA	KNAIWIDCGI	HAREWISPAF	CLWFIGHNRM
WRKNRSFYAN	NHCIGTDLNR	NFASKHWCEE	GASSSSCSET	YCGLYPESEP
EVKAVASFLR	RNINQIKAYI	SMHSYSQHIV	FPYSYTRSKS	KDHEELSLVA
SEAVRAIEKI	SKNTRYTHGH	GSETLYLAPG	GGDDWIYDLG	IKYSFTIELR
DTGTYGFLLP	ERYIKPTCRE	AFAAVSKIAW	HVIRNV	

[IDENTIFICATION]

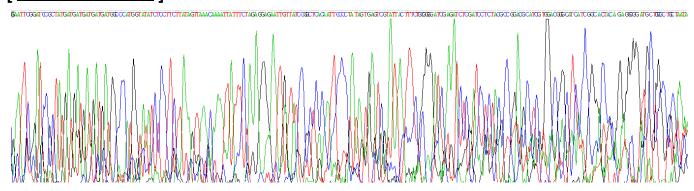


Figure . Gene Sequencing (extract)

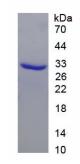


Figure. SDS-PAGE

[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.