

RPC512Hu01 100µg

Recombinant Glutamate Carboxypeptidase II (GCP II)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

11th Edition (Revised in May, 2016)

[PROPERTIES]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Ala274~Leu587

Tags: N-terminal His-Tag

Tissue Specificity: Kidney, Testis, Ovary, Breast.

Subcellular Location: Cell membrane; Single-pass type II membrane protein.

Purity: >95%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Original Concentration: 200ug/mL

Applications: SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive Labeling.

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

Predicted isoelectric point: 7.3

Predicted Molecular Mass: 39.1kDa

Accurate Molecular Mass: 39kDa 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]

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                                ANEYAYR  RGIAEAVGLP  SIPVHPIGYY
DAQKLLKMG  GSAPPDSSWR  GSLKVPYNVG  PGFTGNFSTQ  KVKMHIHSTN
EVTRIYNVIG  TLRGAVEPDR  YVILGGHRDS  WVFGGIDPQS  GAAVVHEIVR
SFGTLKKEGW  RPRRTILFAS  WDAEEFGLLG  STEWAEENSR  LLQERGVAYI
NADSSIEGNY  TLRVDCTPLM  YSLVHNLTK  LKSPDEGFEG  KSLYESWTKK
SPSPEFSGMP  RISKLGSGND  FEVFFQRLGI  ASGRARYTKN  WETNKFSGYP
LYHSVYETYE  LVEKFYDPMF  KYHLTVAQVR  GGMVFEL
    
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[IDENTIFICATION]

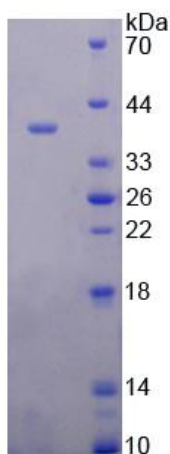


Figure 1. SDS-PAGE