

RPB253Ra01 50µg

Recombinant Prolylcarboxypeptidase (PRCP)

Organism Species: Rattus norvegicus (Rat)

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: Met113~Ser350

Tags: N-terminal His Tag

Subcellular Location: Secreted

**Purity:** > 95%

Traits: Freeze-dried powder

Buffer formulation: 100mMNaHCO<sub>3</sub>, 500mMNaCl, pH8.3, containing 0.01% SKL, 5%

Trehalose.

Original Concentration: 250µg/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: 8.5

Predicted Molecular Mass: 30.5kDa

Accurate Molecular Mass: 27kDa as determined by SDS-PAGE reducing conditions.

#### [USAGE]

Reconstitute in ddH<sub>2</sub>O 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 ]



	MLVFAEHR	YYGKSLPFGR	DSFKDSQHLN	FLTSEQALAD
FAELIRHLKE	TIPGTEGQPV	IAIGGSYGGM	LAAWFRMKYP	HIVVGALAAS
APIWQLDGMA	PCGEFMKIVT	KDFSQSGPHC	SESIRRSWSV	INRLSDTGSG
LQWLRDTLHL	CSPLTSEKMP	TLKGWIAETW	VNLAMVNYPY	ACNFLQPLPA
WPIKEVCRYL	RNPNVSDTVL	LQNIFQALNV	YYNYSGQTKC	LNISQTTTSS

## [ IDENTIFICATION ]

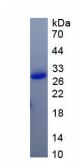


Figure. SDS-PAGE

# [ 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.