

## Recombinant Human PRCP Protein

Catalog #	Source	Reactivity	Applications
CRP2149	Human cells	Human	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Human PRCP Protein is produced by our mammalian expression system and the target gene encoding Leu22-His496 is expressed with a 6His tag at the C-terminus.
<b>Form</b>	Liquid in a 0.2 μM filtered solution of 20mM NaAc-HAc, 150mM NaCl, 10% Glycerol, pH 4.5.
<b>Gene Symbol</b>	PRCP
<b>Alternative Names</b>	PCP; Lysosomal Pro-X carboxypeptidase; Angiotensinase C; Lysosomal carboxypeptidase C; Proline carboxypeptidase; Prolylcarboxypeptidase; PRCP
<b>Entrez Gene</b>	5547 (Human)
<b>SwissProt</b>	P42785 (Human)
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Chemical Structure</b>	LRPALRALGS LHLPTNPTSL PAVAKNYSVL YFQQKVDHFG FNTVKTFNQR YLVADKYWKK NGGSILFYTG NEGDIWFNFCN NTGFMWDVAE ELKAMLVFAE HRYYGESLPF GDNSFKDSRH LNFLTSEQAL ADFAELIKHL KRTIPGAENQ PVIAIGGSYG GMLAAWFRMK YPHMVVGALA ASAPIWQFED LVPCGVFMKI VTTDFRKSGP HCSESIHRSW DAINRLSNTG SGLQWLTGAL HLCSPILTSQD IQHLKDWISE TWVNLAMVDY PYASNFLQPL PAWPIKVVCQ YLKNPNVSDS LLLQNIFQAL NVYYNYSGQV KCLNISETAT SSLGTLGWSY QACTEVVMPF CTNGVDDMFE PHSWNLKELS DDCFQQWGVPR PRPSWITTMYP GGKNISSHTN IVFSNGELDP WSGGGVTKDI TDTLVAVTIS EGAHHLDLRT KNALDPMSVL LARSLEVRHM KNWIRDFYDS AGKQHVDHHH HHH
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

- Directions for Use** Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
- Storage/Stability** Store it at -20°C to -80°C for one year.

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