

Recombinant Full Length Human PRCP Protein, His-tagged

Cat. No. PRCP-653H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRCP, transcript variant 1, fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-496 a.a.
Description	Cleaves C-terminal amino acids linked to proline in peptides such as angiotensin II, III and des-Arg9-bradykinin. This cleavage occurs at acidic pH, but enzymatic activity is retained with some substrates at neutral pH.
Form	50mM Tris, 8M Urea, pH8.0.
Molecular Mass	53.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	PRCP prolylcarboxypeptidase (angiotensinase C) [Homo sapiens]
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Official Symbol	PRCP
Synonyms	PRCP; prolylcarboxypeptidase (angiotensinase C); lysosomal Pro-X carboxypeptidase; HUMPCP; PCP; angiotensinase C; proline carboxypeptidase; lysosomal carboxypeptidase C; prolylcarboxypeptidase isoform 1 preproprotein; MGC2202;
Gene ID	5547
mRNA Refseq	NM_005040
Protein Refseq	NP_005031
MIM	176785
UniProt ID	P42785

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