

PRCP 抗原（重组蛋白）

中文名称： PRCP 抗原（重组蛋白）

英文名称： PRCP Antigen (Recombinant Protein)

别名： PCP; HUMPCP

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 46-317 amino acids of human PRCP

技术规格

Full name:	Prolylcarboxypeptidase (angiotensinase C)
Synonyms:	PCP; HUMPCP
Swissprot:	P42785
Gene Accession:	BC001500
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene is a lysosomal prolylcarboxypeptidase, which cleaves C-terminal amino acids linked to proline in peptides such as angiotension II, III and des-Arg9-bradykinin. The cleavage occurs at acidic pH, but the enzyme activity is retained with some substrates at neutral pH. This enzyme has been shown to be an activator of the cell matrix-associated prekallikrein. The importance of angiotension II, one of the substrates of this enzyme, in regulating blood pressure and electrolyte balance suggests that this gene may be related to essential hypertension. Alternatively spliced transcript variants encoding distinct isoforms have been observed.

