



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## PRCP 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00005547-T02

規格 : [ 100 uL ]

[List All](#)

### Specification

**Transfected Cell Line:** 293T

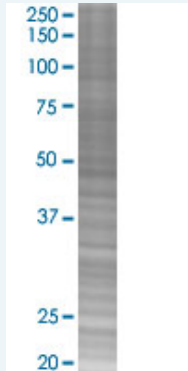
**Plasmid:** pCMV-PRCP full-length

**Host:** Human

**Theoretical MW (kDa):** 55.8

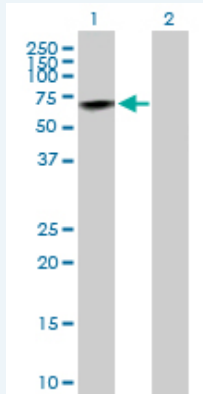
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-PRCP antibody ([H00005547-B01P](#)) by Western Blots.

#### SDS-PAGE Gel



PRCP transfected lysate.

#### Western Blot



Lane 1: PRCP transfected lysate ( 55.80 KDa)

Lane 2: Non-transfected lysate.

**Storage Buffer:** 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

### Applications

### Application Image

Western Blot

## Western Blot

### Gene Information

Entrez GeneID: [5547](#)

GeneBank Accession#: [NM\\_005040](#)

Protein Accession#: [NP\\_005031.1](#)

Gene Name: PRCP

Gene Alias: HUMPCP,MGC2202,PCP

Gene Description: prolylcarboxypeptidase (angiotensinase C)

Omim ID: [176785](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** 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. [provided by RefSeq]

**Other Designations:** angiotensinase C,lysosomal Pro-x carboxypeptidase,lysosomal carboxypeptidase C,proline carboxypeptidase,prolylcarboxypeptidase,prolylcarboxypeptidase isoform 1 preproprotein

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