

## RPCB1986

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### Product Information

<b>Product SKU:</b>	RPCB1986	<b>Gene ID:</b>	5547	<b>Size:</b>	50µg
<b>Tag:</b>	C-His	<b>Reactivity:</b>	Human		

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### Additional Information

<b>Expression Host:</b>	HEK293 cells	<b>Swissprot:</b>	P42785
<b>Purity:</b>	> 95% by SDS-PAGE.		

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### Protein Information

**Background:** Lysosomal Pro-X Carboxypeptidase (PRCP) belongs to the peptidase S28 family. PRCP is detected in many tissues, with highest levels observed in placenta, lung, and liver. It is also present in the heart, brain, pancreas, and kidney. PRCP exists as a homodimer. PRCP 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. PRCP has been shown to be an activator of the cell matrix-associated prekallikrein.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Human PRCP Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** < 1 EU/µg of the protein by LAL method.

**Formulation:** Supplied as a 0.2 µm filtered solution of 20mM NaAc-HAc, 150mM NaCl, 10% Glycerol, pH4.5.

**Storage:** Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles.