

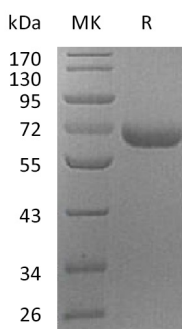
Product Name: Recombinant Human PRCP (C-6His)
Catalog #: PHH0158



概述 (Summary)

英文全称	PRCP/BMP-1/PCP
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Lysosomal Pro-X Carboxypeptidase is produced by our Mammalian expression system and the target gene encoding Leu22-His496 is expressed with a 6His tag at the C-terminus.
Accession #	P42785
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	54.5 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM NaAc-HAc, 150mM NaCl, 10% Glycerol, pH4.5.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

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分子别名 (Alternative Names)

Lysosomal Pro-X Carboxypeptidase; Angiotensinase C; Lysosomal Carboxypeptidase C; Proline Carboxypeptidase; Prolylcarboxypeptidase; PRCP; PRCP; PCP

背景介绍 (References)

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.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.